

SUNEEL KUMAR BIKKASANI

Senior Java Full Stack Developer

AWS Certified Solutions Architect – Professional | Google Cloud Professional Machine Learning Engineer

Phone: 281-786-5856 | Email: suneeluhcl@gmail.com | Portfolio: suneelkumarbikkasani.com

PROFESSIONAL SUMMARY

- Senior Java Full Stack Developer with 10+ years of experience designing and building secure, scalable, enterprise-grade applications using Java, Spring Boot, Angular, React, AWS, GCP, and DevOps tools for Fortune 500 financial services and healthcare clients.
- Currently building mission-critical payment fulfillment systems at Capital One that process millions of credit card payment transactions per day (ACH, debit, check, balance transfer, cross-border EFT).
- Strong command of Java 8/11/17/21, with deep experience modernizing legacy code — streams, records, sealed classes, switch expressions, pattern matching — and leading Spring Boot 3.x/4.x and Jakarta EE 10 upgrades.
- Polyglot engineer: production experience across Java, Go, Python, TypeScript, and Node.js microservices, plus big-data pipelines in Apache Spark (EMR), Databricks, Kafka, and Apache Flink.
- Hands-on experience with GenAI and AI agentic development tools — built and deployed LLM-powered inference services in production, designed prompt templates for operational decision support, and authored reusable AI agent skills (Claude Code) adopted by partner teams to automate day-to-day engineering workflows.
- Google Cloud-certified Professional Machine Learning Engineer and AWS Certified Solutions Architect – Professional: apply ML model lifecycle, prompt engineering, and retrieval-augmented generation (RAG) concepts to production GenAI services in a regulated banking environment.
- Deep expertise in secure development practices: OAuth2, OIDC, JWT, SAML, mutual TLS/PKI, field-level and PGP encryption, secrets management, and PCI DSS / NIST 800-53 compliance in regulated banking environments.
- Designed and deployed cloud-native, event-driven microservices on AWS and Google Cloud Platform — ECS Fargate, Lambda, Step Functions, DynamoDB, SQS, SNS, EventBridge, EMR, Glue, S3, GKE, Cloud Run, Pub/Sub — with multi-region active/active resilience and automated failover.
- Advanced front-end skills with Angular (2–14), React, TypeScript, JavaScript (ES6+), RxJS, HTML5, CSS3, and Bootstrap for building modern, responsive, and dynamic UIs.
- Authored infrastructure-as-code with AWS CDK, CloudFormation/SAM, and Terraform; enforced least-privilege IAM, KMS encryption, and automated security scanning (Checkmarx, SonarQube, Mend) in CI/CD.
- Integrated and maintained NoSQL and RDBMS systems — DynamoDB, MongoDB, Cassandra, Oracle, PostgreSQL, MySQL, DB2, Cloud SQL, BigQuery — with expertise in complex SQL, data modeling, and transaction management.
- Expert in containerization and CI/CD: Docker, Kubernetes, Jenkins pipelines, Maven/Gradle, GitHub workflow automation, and quality gates with SonarQube and automated test suites.
- Extensive experience with message-driven architectures: Kafka, SQS/SNS, EventBridge, Cloud Pub/Sub, ActiveMQ/JMS, and outbox/retry patterns for guaranteed delivery and eventual consistency.
- Worked on legacy modernization projects involving SOAP, SAML, and monolith-to-microservices migrations with zero downtime.
- Built comprehensive test automation — JUnit 5, Mockito, Cucumber, Behave, Godog BDD, WireMock, Playwright — including 24/7 end-to-end test suites for payment-critical systems.
- Instrumented production systems with OpenTelemetry, Splunk, CloudWatch, and New Relic; on-call engineer with PagerDuty incident response experience for high-availability financial platforms.
- Proficient in Agile Scrum: sprint planning, backlog management with JIRA, peer code reviews, and mentoring junior developers; strong record of UAT coordination and stable production delivery.

TECHNICAL SKILLS

Languages: Java 8/11/17/21, Go, Python, TypeScript, JavaScript (ES6+), SQL, Scala, C, C++

Backend: Spring Boot 2.x/3.x/4.x, Spring Security, Spring Cloud, Spring MVC, Hibernate/JPA, Node.js, Fastify, FastAPI, RESTful APIs, OpenAPI/Swagger, SOAP (JAX-WS, Apache CXF), GraphQL, Microservices, Event-Driven Architecture

Frontend: Angular 2–14, React, RxJS, TypeScript, HTML5, CSS3, Bootstrap, Responsive Design

Cloud (AWS): ECS Fargate, Lambda, Step Functions, DynamoDB, S3, SQS, SNS, EventBridge, EMR, Glue, RDS, EC2, KMS, Secrets Manager, ACM, IAM, VPC, Route 53, CloudWatch, CloudFormation, CDK, SAM

Cloud (GCP): Google Kubernetes Engine (GKE), Cloud Run, Cloud Functions, Cloud Pub/Sub, Cloud Storage, Cloud SQL, BigQuery, Dataflow, Vertex AI, Cloud Build, Artifact Registry, Secret Manager, Cloud IAM

Data & Streaming: Apache Spark, Apache Kafka, Apache Flink, Databricks, Snowflake, Microsoft OneLake, BigQuery, ETL Pipelines, Parquet

Databases: DynamoDB, Oracle, PostgreSQL, MySQL, MongoDB, Cassandra, IBM DB2, SQL Server, Cloud SQL

AI / GenAI: LLM Integration, AI Agents & Agentic Workflows, Claude Code, Prompt Engineering, RAG, GenAI Inference Services (FastAPI), Vertex AI, ML Model Lifecycle & MLOps (Google Cloud certified), AI-Assisted Development

Security: OAuth2, OIDC, JWT, SAML, Mutual TLS, PKI, KMS Encryption, PGP, Secrets Management (Vault), Checkmarx, Mend/SCA, PCI DSS, NIST 800-53, LDAP/Active Directory

DevOps & CI/CD: Docker, Kubernetes, Jenkins, GitHub, Maven, Gradle, Terraform, SonarQube, Cloud Build, CI/CD Pipelines

Testing: JUnit 5, Mockito, Cucumber, Behave, Godog, WireMock, Playwright, JMeter, Postman, SoapUI, TDD/BDD

Observability: Splunk, OpenTelemetry, CloudWatch, New Relic, PagerDuty, X-Ray

PROFESSIONAL EXPERIENCE

Capital One — Richmond, VA

Nov 2023 – Present

Senior Java Full Stack Developer

- Participated in Agile-Scrum ceremonies, collaborated with cross-functional teams across the Payments Fulfillment domain to define functional and technical requirements, and managed epics, stories, and sprint planning using JIRA.
- Designed and maintained mission-critical payment fulfillment microservices processing millions of credit card payment transactions per day — ACH, debit card, check, balance transfer, and cross-border EFT — across US Card, Auto Finance, and Recoveries portfolios.
- Built the public-facing Fulfillment API and system-of-record routing services using Java 17, Spring Boot 3.x on AWS ECS Fargate, securing endpoints with OAuth2, mutual TLS (ACM/PKI certificates), and field-level encryption of sensitive payment data.
- Implemented configurable workflow-engine tasks — duplicate check, account lookup, payment clearing, fraud decisioning, transaction reference generation, and event publishing — powering 16 distinct payment workflows including same-day debit, future-dated, vendor, void, and Canada ACH flows.
- Led the first production migration to Java 21 and Spring Boot 4 (Recoveries fulfillment service), integrating legacy SOAP posting via JAX-WS and hardening the service with Resilience4j circuit breakers, bulkheads, and SQS-based retry/fallback queues for eventual consistency.
- Designed the DynamoDB persistence layer (AWS SDK v2 Enhanced Client) backing all payment transactions, with global tables, 6 GSIs, TTL, point-in-time recovery, and bulk-insert APIs supporting vendor file workflows.
- Built an end-to-end vendor file ingestion pipeline on AWS Step Functions — S3 event-driven detection of 40+ vendor file patterns, fixed-width and Parquet parsing, account enrichment, and automated fulfillment with feature-flag-controlled A/B routing (Optimizely).
- Engineered the EMR Spark 3.5 batch posting pipeline generating TSYS posting files — extraction, posting-file generation, and reconciliation Spark jobs orchestrated by Step Functions with holiday-aware scheduling and PagerDuty/Slack alerting.
- Developed daily reconciliation pipelines cross-matching posted transactions against TSYS confirmation files and publishing governed results to Snowflake and Microsoft OneLake with full data lineage tracking.
- Contributed to the next-generation real-time money movement platform built in Go — REST APIs on ECS Fargate, SQS-triggered clearing and posting Lambdas, DynamoDB Streams outbox pattern, and EventBridge cell-based routing, deployed active/active across two AWS regions with Route 53 weighted failover.
- Developed the Python Lambda-based payments fraud decision platform integrating real-time TSYS authorization (SOAP), risk scoring, DynamoDB persistence, and SQS retry orchestration for authorize/hold decisions.
- Developed multi-cluster Kafka consumers processing returned-payment events from clearing rails — parsing ACH return codes, matching transactions, and driving automated return fulfillment with DLQ drain and retry Lambdas for guaranteed processing.
- Built PySpark data pipelines on Databricks (Photon runtime) producing daily pending-payment and autopay snapshot datasets, and wrote stateless Flink SQL streaming transforms over Kafka topics publishing governed data to Snowflake and OneLake.
- Built GenAI operational tooling: a Python/FastAPI LLM inference service on ECS Fargate that summarizes historical payment file processing data to guide end-of-day hold/release decisions — designed the Llama-format prompt templates (overview, typical patterns, anomalies) and surfaced results to operations teams through a Slack bot.
- Worked on AI agentic development tools — maintained an internal registry and CLI for Claude Code and Windsurf AI skills with a node-inheritance model, and authored reusable agent skills (JIRA automation, PR workflows, Confluence, CI/CD) adopted by fellow teams to automate day-to-day engineering responsibilities.
- Championed AI-assisted engineering on the team: applied Claude Code agentic workflows for code generation, refactoring, and automated test scaffolding, and shared reusable prompt and skill patterns with partner teams to raise delivery velocity.
- Authored infrastructure-as-code with AWS CDK (Go and TypeScript), CloudFormation/SAM, and least-privilege IAM roles and policies; provisioned DynamoDB tables, S3 cross-region replication, EventBridge buses, and EMR clusters.

- Embedded security across the SDLC: remediated Checkmarx SAST/SCA, SonarQube, and Mend findings, upgraded dependencies to fix CVEs, managed secrets via AWS Secrets Manager and Vault, implemented PGP file encryption (Bouncy Castle) for bank EFT files, and met PCI DSS / NIST 800-53 controls.
- Wrote Python operational runbooks automating cross-region failover of EventBridge schedules, S3 notification triggers, and Lambda aliases, plus batch posting remediation — reducing production incident recovery time.
- Built 24/7 BDD end-to-end test suites (Behave, Cucumber, Godog) orchestrated by Step Functions and EventBridge schedules, with a React/TypeScript reporting dashboard served from S3/CloudFront.
- Instrumented services with OpenTelemetry, Splunk, CloudWatch alarms, and New Relic; configured PagerDuty incident routing and supported production systems as an on-call engineer.

Environment: Java 17/21, Spring Boot 3.x/4.x, Spring Security, OAuth2, Go, Python 3.12, TypeScript, React, Node.js 22, Apache Spark 3.5 (EMR), Databricks, Apache Flink, AWS (ECS Fargate, Lambda, Step Functions, DynamoDB, S3, SQS, SNS, EventBridge, EMR, Glue, KMS, Secrets Manager, ACM, IAM, Route 53, CloudWatch), Kafka, Snowflake, Microsoft OneLake, Docker, Jenkins, Maven, Gradle, JUnit 5, Cucumber, Behave, WireMock, SonarQube, Checkmarx, Splunk, OpenTelemetry, PagerDuty, GitHub, JIRA, Agile Scrum

Fidelity Investments — Durham, NC

May 2022 – Oct 2023

Full Stack Java Developer

- Led the end-to-end delivery of the Symphony Campaign Processing platform, managing cross-functional Agile teams to deliver a secure, high-performance transaction system handling millions of user events.
- Led the design of stateless microservices using Java 11, Spring Boot, OAuth2, and JWT integrated with AWS IAM roles.
- Implemented role-based access controls using Spring Security and managed fine-grained permissions for distributed microservices.
- Designed and developed scalable backend systems using Java 8/11, Spring Boot 2.x, Hibernate 5.x, and JDBC, implementing stateless RESTful APIs for account-level data integrations across financial networks.
- Spearheaded the migration to microservices architecture, breaking down monolithic codebases into independent Spring Boot services, improving scalability, deployment agility, and fault isolation.
- Developed modern web interfaces using React.js, Angular, Bootstrap, HTML5, CSS3, TypeScript, and jQuery. Built reusable UI components and consumed REST APIs using Angular's HttpClient and React's fetch/axios.
- Secured APIs using Spring Security with OAuth 2.0 and JWT, implementing role-based access control and integrating with IAM roles for AWS-hosted services.
- Built audit-compliant authentication flows integrated with Active Directory, enabling MFA for privileged operations.
- Worked on AWS ECS-based deployments, secure API gateway integration, and logging through CloudWatch/Splunk.
- Deployed Spring Boot-based microservices to AWS ECS, managed infrastructure with AWS IAM, Route 53, RDS, Lambda, DynamoDB, S3, SQS, and SNS, and monitored environments using AWS CloudWatch.
- Integrated AWS Glue for scheduled ETL processing and CloudFormation for infrastructure provisioning. Configured VPC, subnets, and NAT gateways for secure, isolated deployments.
- Developed SOAP web services using Apache CXF and JAXB for legacy system communication, maintaining compatibility between external partners and internal systems.
- Created utility services and processing scripts using Node.js and Python, especially for data extraction, report generation, and log analysis tasks.
- Developed secure UI workflows using Angular + TypeScript, focusing on preventing common attack vectors.
- Introduced application threat modeling as part of SDLC and conducted code reviews to enforce secure design patterns.
- Implemented centralized logging and monitoring using Splunk, reduced response times by 30% through proactive optimization, and handled troubleshooting via alerts from CloudWatch and Splunk dashboards.
- Followed CI/CD best practices using Jenkins pipelines, Maven 3.6+, and Docker, integrating unit, integration, and deployment workflows with GitHub and promoting to AWS environments using artifact-based releases.
- Practiced Agile Scrum, conducted peer code reviews, mentored junior developers, maintained code quality with JUnit 5, Mockito, SonarQube, and managed backlogs and delivery using JIRA.

Environment: Java 8/11, Spring Boot, Spring Security, JPA, JDBC, RESTful APIs, SOAP (Apache CXF, JAXB), OAuth2, JWT, React.js, Angular, HTML5, CSS3, Bootstrap, TypeScript, JavaScript (ES6), jQuery, JSON, Node.js, Python, AWS ECS, Lambda, RDS, S3, SNS, SQS, Route 53, IAM, DynamoDB, Glue, CloudFormation, CloudWatch, Jenkins, Maven, Docker, GitHub, JIRA, Splunk, JUnit 5, Mockito, SonarQube, Microservices Architecture, Agile Scrum

Capital One — Richmond, VA

Aug 2021 – Apr 2022

Senior Java Full Stack Developer

- Participated in Agile-Scrum ceremonies, collaborated with cross-functional teams for requirement analysis and sprint planning, and used JIRA to manage epics, stories, and sprint deliverables.
- Developed responsive UI components using Angular 8, HTML5, CSS3, Bootstrap 3.3, TypeScript, and JavaScript; implemented reactive forms, custom directives, reusable services, and integrated observables via RxJS.
- Built RESTful services using Spring Boot 2.x and Spring MVC, handled HTTP methods for CRUD operations, used Jackson for JSON serialization/deserialization, and exposed APIs for Angular front-end integration.
- Implemented Spring Security with OAuth2 and JWT for securing REST endpoints; developed token validation filters and user role-based access across microservices.
- Created shared core service modules as Maven JARs, used across various microservices for centralized business logic; developed and deployed services using Docker containers.
- Performed backend operations using Hibernate 5.x with Spring Data JPA, developed entity relationships, executed complex SQL queries, and worked on Oracle 11g and DB2 databases for persistence.
- Integrated SOAP-based services using Apache CXF and JAXB for legacy module support; validated WSDL-based services and consumed external SOAP APIs where required.
- Managed build and deployment automation using Maven 3.x and Jenkins pipelines; configured build triggers, managed release artifacts, and ensured end-to-end CI/CD workflows.
- Used Docker to create, run, and manage containers for web and application servers (Apache Tomcat); integrated containers into Jenkins pipelines for streamlined deployment.
- Deployed and managed services on AWS using EC2 for compute, S3 for object storage, and RDS for relational data. Configured IAM for access management and used CloudWatch for real-time monitoring and alerting.
- Managed AWS infrastructure with services such as VPC, SQS, SNS, Lambda, and Route 53. Created and restored snapshots and AMIs for EC2 instance management and high availability.
- Wrote unit and integration tests using JUnit 5 and Mockito, implemented logging using Log4j2, and worked in Unix/Linux environments for deployment scripting and environment configuration.

Environment: Java 8, Spring Boot 2.x, Spring MVC, Spring Security, OAuth2, JWT, Hibernate 5.x, JPA, Angular 8, TypeScript, JavaScript (ES6), HTML5, CSS3, Bootstrap 3.3, RESTful Web Services, SOAP, Apache CXF, JAXB, JSP, Node.js, Oracle 11g, DB2, SQL, Docker, Jenkins, Maven 3.x, JUnit 5, Mockito, Log4j2, GitHub, JIRA, AWS (EC2, S3, RDS, IAM, VPC, Lambda, SQS, SNS, Route 53, CloudWatch), Unix, Linux

CVS Health — Chicago, IL

Jun 2020 – Jul 2021

Java Full Stack Application Developer

- Participated in Agile-Scrum ceremonies, gathered and clarified requirements, and contributed to user story grooming, sprint planning, and technical documentation including low- and high-level designs using JIRA and Rally.
- Developed responsive and cross-browser compatible UI components using Angular 5/6, Bootstrap 3/4, HTML5, CSS3, and TypeScript. Implemented reactive forms, reusable components, and custom pipes/services for UI logic abstraction.
- Built single-page applications using Angular 6 and managed state using observables and RxJS. Utilized jQuery for legacy DOM manipulation and AJAX-based service calls.
- Developed backend RESTful APIs using Spring 4.x and Spring Boot, configured @RestController classes for service exposure, and handled serialization using Jackson. Implemented OAuth2 and JWT for token-based secured API access.
- Integrated client-facing Angular apps with Spring-based REST APIs using HttpClient and token interceptors. Built end-to-end communication flows for data retrieval, submission, and error handling.
- Designed persistence logic using Hibernate ORM and Spring JDBC templates, implemented POJOs and DAO classes for CRUD operations, and maintained data consistency using programmatic transaction management.
- Migrated JMS services from WebLogic JMS to Apache ActiveMQ and developed asynchronous messaging flows using Apache Camel and JMS for agent-server interactions.
- Built, containerized, and deployed Spring Boot microservices on Google Cloud Platform — packaging services with Docker and running them on Google Kubernetes Engine (GKE) and Cloud Run, with Cloud Build CI/CD pipelines and images published to Artifact Registry.
- Designed event-driven integrations on GCP using Cloud Pub/Sub for asynchronous messaging and Cloud Functions for lightweight serverless processing, with Cloud Storage for object storage and Secret Manager for secure credential handling.
- Modeled and persisted data across Google Cloud SQL and BigQuery — migrating batch reporting workloads into BigQuery for large-scale analytics — while retaining MongoDB and Cassandra for operational NoSQL stores, and enforced access with Cloud IAM.
- Developed batch ingestion jobs and merge utilities in Java to handle large volumes of data, integrated relational (MySQL, Oracle) and NoSQL (MongoDB) storage, and performed performance validation across data stores.
- Maintained and monitored Cassandra NoSQL clusters using DataStax OpsCenter, managed keyspaces and replication strategies for distributed data.

- Automated builds and deployments using Maven, Jenkins, Cloud Build, and Docker; configured Git and Bitbucket repositories, and maintained CI/CD pipelines across test and production environments.
- Conducted unit and integration testing using JUnit 4 and Mockito, enforced code quality with SonarQube, PMD, and FindBugs, performed load testing using JMeter, and handled code reviews via Fisheye and Crucible.

Environment: Java 8, JEE, Spring, Spring Boot, Spring Security, Spring JDBC, Hibernate ORM, Angular 5/6, TypeScript, HTML5, CSS3, Bootstrap 3, jQuery, RESTful Web Services, OAuth2, JWT, Apache Camel, ActiveMQ, MongoDB, MySQL, Oracle 11g/12c, Cassandra, Google Cloud Platform (GKE, Cloud Run, Cloud Functions, Cloud Pub/Sub, Cloud Storage, Cloud SQL, BigQuery, Cloud Build, Artifact Registry, Secret Manager, Cloud IAM), Jenkins, Docker, Maven, GIT, Bitbucket, JIRA, Rally, JUnit, Mockito, SonarQube, JMeter, Fisheye, Crucible, WebLogic

Essendant — Denver, CO

Jul 2018 – May 2020

Java Full Stack Developer

- Contributed to full-stack development using Agile methodologies and SDLC processes, designed and developed web applications using HTML5, CSS3, Bootstrap, Angular 2, and Node.js, and implemented responsive UI modules with advanced data binding and component-based architecture.
- Developed reusable Angular components and services using TypeScript, integrated REST APIs using Angular's HttpClient, and implemented Angular routing for SPA navigation. Also utilized ExtJS for creating AJAX-based Web 2.0 front-end components.
- Implemented RESTful web services using Spring Boot and Spring MVC, secured API endpoints using OAuth 2.0 and JWT, and handled service-to-service communication in a microservices architecture using REST and HTTP protocols.
- Used Spring Boot starter-parent for inheritance, integrated with MongoDB using spring-data-mongodb, and designed domain models with JPA and Hibernate for persistence with Oracle and SQL Server.
- Built and deployed Dockerized microservices across AWS EC2 and Google Cloud Platform — running containers on Google Kubernetes Engine (GKE) and Compute Engine — and contributed to cloud migration, provisioning, and containerization activities.
- Used Google Cloud Build with Container Registry to build and publish container images, and instrumented services with Stackdriver logging and monitoring for observability.
- Integrated Google Cloud Pub/Sub for asynchronous messaging and Cloud Storage for object storage, and persisted data in Cloud SQL alongside MongoDB, Oracle, and SQL Server.
- Integrated BRMS (ILOG JRules) for rule-based decision services, and used SOAPUI for functional testing and validation of Spring-based SOAP web services. Participated in SOA service development and integration tasks.
- Managed transactions with Spring and Hibernate ORM, performed advanced ORM mappings including associations and caching strategies, and implemented custom SQL/PLSQL scripts, stored procedures, triggers, and sequences for Oracle DB.
- Created CI/CD pipelines using Jenkins, built applications using Maven, versioned code in Git, performed unit testing with JUnit, and collaborated across teams using JIRA and Confluence. Also deployed to JBOSS and Apache Tomcat servers.

Environment: Java 8, Spring Boot, Spring MVC, Spring IOC, Spring ORM, Spring Batch, Hibernate ORM, JPA, Angular 2, Node.js, MongoDB, Oracle 9i/10g, SQL Server, HTML5, CSS3, Bootstrap, JavaScript (ES6), TypeScript, AJAX, RESTful Web Services, OAuth2, JWT, ExtJS, SOAP, SOAPUI, JRules (ILOG BRMS), Docker, AWS (EC2), Google Cloud Platform (GKE, Compute Engine, Cloud Storage, Cloud Pub/Sub, Cloud SQL, Cloud Build, Container Registry, Stackdriver), Jenkins, Maven, Git, JIRA, Confluence, JBOSS, Apache Tomcat, Eclipse, JUnit, Log4j

Teleflora — Oklahoma City, OK

Mar 2017 – Jun 2018

Senior Java Developer

- Designed the application architecture using UML diagrams with Microsoft Visio and followed J2EE and GoF design patterns for creating scalable, maintainable, and loosely coupled enterprise applications.
- Developed responsive web pages using JSP, HTML5, CSS3, Bootstrap, JavaScript, and integrated front-end frameworks such as Angular 2 and Node.js; implemented UI animations with Angular 2 CSS class bindings.
- Used Spring Framework 3.0 for implementing core components with IOC and AOP modules, created Spring Beans to encapsulate business logic, implemented transaction management and logging via Spring AOP, and integrated it with Hibernate 3.5 and JPA for ORM and persistence.
- Worked on both SOAP and RESTful web services using JAX-WS, JAX-RS, Apache CXF, JAXB, and WSDL. Designed XML schemas, performed transformations using XSL/XSLT, and tested endpoints via SOAP UI.
- Integrated JSF 2.0 with PrimeFaces, Hibernate, and Spring to build dynamic UI components, and used Servlets as Controllers in MVC pattern. Created and managed DAO layers with Hibernate HQL and annotations to perform CRUD operations on Oracle and MySQL databases.

- Involved in EJB-based message passing, authentication/authorization using SiteMinder, configured JNDI, queues, and performed deployments on IBM WebSphere Application Server 8.1. Supported CI/CD workflows using Maven for build automation.
- Followed test-driven development using JUnit and Mockito for unit and integration testing. Participated in smoke, system, and user acceptance testing and used Log4j for logging and ClearCase for version control.

Environment: Java 7/8, JSP, Servlets, Spring (DI, AOP, MVC), Hibernate, JPA, Angular 2, JavaScript (ES6), Node.js, HTML5, CSS3, Bootstrap, JSF, PrimeFaces, REST, SOAP, JAX-RS, JAX-WS, JAXB, Apache CXF, Axis, XML, XSLT, Eclipse, Maven, Log4j, JUnit, Mockito, SOAP UI, WebSphere, Oracle, MySQL, EJB, JMS, SiteMinder, JNDI, Microsoft Visio, ClearCase, Quality Center

Credit Acceptance Corporation — Southfield, MI

Sep 2015 – Feb 2017

Java Developer

- Designed and implemented a dynamic service-oriented framework enabling XML marshalling/unmarshalling and business layer orchestration to streamline rapid development and deployment of SOAP and REST-based web services.
- Developed front-end validation and dynamic UI rendering using JavaScript, external reusable JS modules, and integrated JSF with PrimeFaces components for interactive and rich user interfaces.
- Applied Spring MVC architecture for separating presentation and business logic, used Spring Beans for encapsulating business logic, and integrated with Hibernate ORM for seamless database operations with Oracle using HQL.
- Worked extensively on RESTful web services using JAX-RS, and also maintained/support SOAP-based web services using JAX-WS, Apache CXF, Axis, and JAXB for message transformation and service consumption.
- Involved in end-to-end Mule ESB implementation including HTTP inbound/outbound flows, custom Java/XSLT transformers, WS-Security implementation, and orchestration of services between external systems.
- Utilized EJB (Session and Entity Beans) for business logic and persistence, and maintained mobile session state. Also implemented authorization/authentication using x.509 certificates, public-private key cryptography, and encryption/decryption techniques.
- Deployed and managed enterprise components on IBM WebSphere Application Server, handled environment-specific configurations, and built/deployed code using Apache Ant and Ivy dependency manager.
- Conducted unit testing using JUnit, and participated in interface, integration, system, and user acceptance testing. Used Log4j extensively for logging and debugging purposes across multiple layers of the application.

Environment: Java, Spring, Hibernate, JAX-RS, JAX-WS, Apache CXF, Axis, JAXB, SOAP, REST, JSF, PrimeFaces, JavaScript (ES5), XML, Mule ESB, Oracle 11g, EJB, WebSphere Application Server, Log4j, Ant, Ivy, JUnit

CERTIFICATIONS

- AWS Certified Solutions Architect – Professional — Amazon Web Services (2025) · Verify: https://www.credly.com/badges/22322dd2-cc3f-4696-977f-425373d7abb1/public_url
- Professional Machine Learning Engineer — Google Cloud (2025) · Verify: https://www.credly.com/badges/3a3d2e61-c00c-4979-b1bf-26f4f7b1b980/public_url

EDUCATION

- Master of Science in Computer Science — Houston, TX
- Bachelor of Technology in Computer Science and Engineering — India