

SUMMARY

Software Engineer with 5+ years of experience designing, developing, and maintaining scalable web applications and backend services. Proficient in Java 8/17 (J2EE), Spring Boot, Spring MVC, Spring Security, Hibernate, and JPA for building server-side applications following microservices architecture. Experienced in designing RESTful APIs using Java 8, ensuring secure communication and data consistency across services. Skilled in working with relational and NoSQL databases including MySQL, PostgreSQL, and MongoDB. Also experienced with Node.js and Express.js for developing lightweight services, and Python with Django for backend utilities and automation tasks. Familiar with deploying applications on AWS (EC2, S3, Lambda, RDS) and managing containerized workloads using Docker and Kubernetes. Experience building responsive, cross-browser front-end interfaces using React.js, Angular 10+, JavaScript (ES6+), TypeScript, Redux, HTML5, and CSS3. Strong foundation in object-oriented programming and Agile methodologies.

SKILLS

Methodologies & Languages: Waterfall, SDLC, Agile/Scrum, Java 8/17, TypeScript, JavaScript, Python, SQL, J2EE

Frontend Frameworks/Libraries: Angular 10+, React.js, Next.js, Redux, Bootstrap 5, jQuery

Backend Frameworks/Libraries: Spring Boot, J2EE, Node.js, Express.js, Django

Web Technologies: HTML5, CSS3, Tailwind CSS, AJAX, JSON, XML

Cloud/Application Server: AWS (CloudFront, S3, Lambda, API Gateway, Amplify), GCP (Firebase, Cloud Functions, Storage)

Database: MongoDB, PostgreSQL, Firebase Realtime DB, DynamoDB, MySQL, SQL

Testing & Debugging: Jest, Cypress, Enzyme, Lighthouse

Deployment & CI/CD: Netlify, Vercel, GitHub Actions, Docker, Kubernetes, Jenkins

Tools: Git, GitHub, Jenkins, Postman, Chrome DevTools, JIRA, Figma, Docker, VSCode

WORK EXPERIENCE

JPMorgan Chase & Co, Chicago, IL

Nov 2024 – Current

Software Engineer

- Refactored critical Spring-based microservices powering investment transaction workflows into modular Spring Boot 3 applications using Java 17, reducing API response times by 25% and cutting latency issues during peak trading windows.
- Constructed CI/CD pipelines using GitHub Actions for Java microservices handling daily fund settlements and compliance checks, reducing deployment failures by 70% across staging and production environments.
- Configured AWS CloudWatch with tailored alerts and dashboards to track anomalies in market data ingestion and batch reconciliation jobs, cutting average incident resolution time from 3 hours to under 45 minutes.
- Designed and deployed AWS serverless architectures with Lambda, S3, and API Gateway to automate ingestion, classification, and archival of regulatory KYC documents, saving over 12 hours of analyst effort weekly.
- Developed Cypress-based automated test flows for financial dashboards and transaction portals, paired with JUnit unit testing, increasing test coverage by 60% and significantly improving release confidence.
- Containerized batch settlement services using Docker and created matching staging environments, reducing environment-specific bugs and cutting production support tickets by 40% over three release cycles.

Accenture, Gurugram, India

Feb 2021 – Dec 2023

Software Engineer

- Engineered RESTful APIs using Java 8 and Spring Boot to handle live product availability, pricing adjustments, and order updates across 250+ retail stores, enabling consistent performance during major festive and flash sale events.
- Built and maintained schedulers using Spring Batch and Quartz to automate time-sensitive retail tasks including price markdowns, loyalty rollups, and vendor order consolidations, significantly improving accuracy and timeliness of backend operations.
- Led migration of a legacy monolithic JSP-based inventory tracking module to a scalable microservices architecture using Spring Boot, Angular, and PostgreSQL, improving performance, maintainability, and mobile accessibility across multiple device types.
- Streamlined core Java components and decoupled tightly bound services into modular microservices with Docker and Spring Cloud, reducing deployment issues, simplifying troubleshooting, and accelerating system recovery during production outages.
- Integrated authentication and fine-grained authorization using Spring Security with JWT-based tokens, enforcing strict access control across retail management, order processing, and supply chain operations modules.
- Coordinated with DevOps teams to design and implement CI/CD workflows using Jenkins and GitHub Actions for Java-based deployments, improving team productivity and reducing release delays across QA, staging, and production environments.

Accenture, Gurugram, India

May 2019 - Jan 2021

Junior Software Engineer

- Automated claims reconciliation reports, medical billing summaries, and lab data syncs using Python and Bash scripting, reducing manual intervention for healthcare support staff and saving 50+ operational hours monthly across multiple provider networks.
- Upgraded legacy AngularJS modules to Angular 6+ for patient-facing appointment portals and provider dashboards, improving responsiveness and accessibility on mobile devices for over 4,000 daily active users across clinics.
- Streamlined Node.js APIs and redesigned MongoDB schemas to support structured EMR (Electronic Medical Records) data, enabling quicker retrieval and enhancing consistency between frontend interfaces and back-end storage layers.
- Architected Postman test collections and integrated API validation into CI pipelines, enabling early bug detection in patient record APIs and reducing UAT timelines by nearly 25%, leading to smoother deployment cycles.
- Participated in Agile sprint ceremonies with cross-functional healthcare delivery teams, working on backlog grooming, sprint planning, and retrospectives, which led to improved collaboration and a 20% increase in sprint delivery success rate.

EDUCATION

Master of Science in Computer Science (GPA: 4/4)

University of Illinois, Springfield, Illinois