

SUMMARY

Software Engineer with around 5 years of experience designing and developing high-performance web applications using Node.js, Express.js, J2EE, Spring Boot, Spring MVC, Spring Security, Hibernate, and JPA, focusing on microservices architecture, secure authentication, and data persistence with MongoDB, MySQL, and PostgreSQL. Skilled in developing and integrating RESTful APIs, leveraging Python and Django for backend solutions and automation. Experienced in deploying cloud-native applications on AWS (EC2, Lambda, S3, RDS) and managing containerized environments using Docker and Kubernetes for scalable, resilient delivery. Expertise in crafting responsive, accessible front-end interfaces with React.js, Next.js, Angular 10+, RxJS, Redux, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, and AJAX, ensuring cross-browser compatibility. Strong foundation in Object-Oriented Programming (OOP).

SKILLS

Methodologies: SDLC, Agile/Scrum, Waterfall

Languages: TypeScript, JavaScript, Java, Python, SQL

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

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

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

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

Testing & Debugging: Jest, Cypress, Enzyme, Lighthouse

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

WORK EXPERIENCE

JPMorgan Chase & Co, Seattle, WA

Oct 2024 – Current

Software Engineer

- Containerized backend services with Docker and configured staging environments to mirror production, reducing mismatch bugs and cutting related support tickets by 40% over three quarterly release cycles.
- Designed and implemented AWS serverless workflows using Lambda, S3, and API Gateway to fully automate loan document intake and classification, eliminating repetitive tasks and saving over 12 hours of manual processing per week.
- Developed and implemented automated testing suites using Cypress for UI flows and JUnit for unit testing, improving test coverage by 60% and strengthening code reliability across all critical production release cycles and deployments.
- Set up comprehensive observability using AWS CloudWatch, with customized alarms and real-time dashboards, reducing mean time to resolution from 3+ hours to under 45 minutes for production incidents and performance regressions.
- Engineered CI/CD pipelines using GitHub Actions for Java-based microservices, streamlining deployment cycles and reducing manual intervention, leading to a 70% drop in production release errors across dev, staging, and production.
- Refactored legacy Spring-based microservices into modular Spring Boot 3 applications using Java 17, significantly improving cold start times, reducing memory usage, and increasing overall API responsiveness by 25% across key services.

Accenture, Noida, India

Aug 2021 – Dec 2023

Software Engineer

- Built modular and interactive UI components using React.js and Redux, optimizing performance through lazy loading and memoization, which enhanced application speed and increased client satisfaction by more than 35%.
- Constructed secure, scalable RESTful APIs using Node.js with Express, designed to handle high concurrency and integrate with external systems, sustaining over 10,000 requests per day with zero downtime for over six consecutive months.
- Spearheaded a large-scale UI migration project from outdated CSS to Tailwind CSS, establishing consistent design patterns and reducing frontend styling efforts by 40% across over five client-facing projects.
- Architected user-centric, component-based front-end solutions using Angular 10+ and TypeScript, streamlining complex workflows and improving task completion speed by 30% for 15,000 daily users while maintaining 99.95% application uptime.
- Devised cron jobs for automating data aggregation, health checks, and reports, boosting reliability and cutting manual effort by 40%; collaborated via JIRA to manage priorities and align development with QA for timely delivery.

MuSigma, Bangalore, India

Aug 2019 - Aug 2021

Software Engineer

- Migrated and maintained frontend modules from AngularJS to Angular 6+, for employee-facing internal tools, enhancing accessibility and improving responsiveness for over 5,000 regular users.
- Collaborated with backend teams to refactor Node.js APIs and redesign MongoDB collections, ensuring compatibility with the upgraded Angular 6+ interface and improving data sync speed by 30%, enhancing user experience.
- Automated daily operational processes such as log backups, server health checks, and report generation using Python and Bash, saving nearly 60+ hours of manual work every month for the infrastructure support team.
- Participated actively in Agile ceremonies including sprint planning, backlog grooming, and team retrospectives, contributing to a 15% improvement in sprint velocity and achieving 95%+ sprint goal completion rate over 6 months.
- Crafted and executed Postman test collections for API validation, integrating them into existing CI pipelines, which led to 30% earlier bug detection and reduced UAT cycle time by 25%, improving overall deployment efficiency.

EDUCATION

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

University of Illinois, Springfield, Illinois

Coursework: Advanced Database, Advanced Algorithms and Computation, NoSQL Databases, Computer Networking, Data Mining