

Full-Stack Software Engineer

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Full-Stack Software Engineer with **4+ years** of experience architecting and delivering **scalable web applications** using **Java, React.js, JavaScript, Spring Boot**, and **AWS**. Expertise in **microservices architecture, RESTful API development, cloud-native solutions**, and **DevOps automation**. Proven track record of improving **system performance by 45%**, reducing **deployment time by 60%**, and enhancing **user experience** through **responsive frontend design** and **robust backend systems**. Strong background in **agile development, test-driven development (TDD)**, and **CI/CD implementation**.

Skill Set

Frontend Technologies: React.js, JavaScript (ES6+), TypeScript, Next.js, HTML5, CSS3, Redux, Redux Toolkit, React Hooks, Material-UI, Bootstrap, Tailwind CSS, Responsive Design, Single Page Applications (SPA)

Backend Technologies: Java 11+, Spring Boot, Spring Framework, Spring WebFlux, Spring Security, Spring Data JPA, Hibernate, J2EE, RESTful APIs, GraphQL, Microservices Architecture

Cloud & DevOps: AWS (Lambda, API Gateway, EC2, S3, CloudWatch, X-Ray, EventBridge, SQS), Docker, Kubernetes, Terraform, Infrastructure as Code (IaC), GitLab CI/CD, Jenkins, GitHub Actions

Databases: MySQL, PostgreSQL, MongoDB, DynamoDB, Redis, Database Design, Query Optimization

Development Tools: Git, Maven, Gradle, npm, Webpack, Babel, ESLint, Prettier, Postman, Swagger/OpenAPI, SonarQube, JUnit, Mockito, Jest, Cypress

Methodologies: Agile/Scrum, Test-Driven Development (TDD), Behavior-Driven Development (BDD), Code Reviews, Pair Programming, Continuous Integration/Continuous Deployment (CI/CD)

Professional Experience

Senior Full-Stack Software Engineer | Teladoc Health

Jun 2023 – Present | New York City, NY

- Architected and developed **end-to-end healthcare applications** using **React.js, TypeScript, Java 11**, and **Spring Boot**, serving **2M+ users** with **99.9% uptime**
- Built **responsive web interfaces** using **React.js, Redux**, and **Material-UI**, improving **user engagement by 40%** and reducing **page load times by 35%**
- Designed **scalable RESTful APIs** and **microservices** using **Java, Spring Boot**, and **AWS Lambda**, increasing **system throughput by 45%** for digital healthcare services
- Implemented **real-time features** using **WebSockets, Server-Sent Events**, and **React hooks**, enabling **live patient-provider communications**
- Refactored **legacy monolithic applications** into **reactive microservices** using **Spring WebFlux** and **JavaScript**, reducing **API response time by 38%**
- Integrated **comprehensive monitoring** with **AWS CloudWatch, X-Ray**, and **Datadog**, decreasing **mean time to detection (MTTD) by 30%**
- Established **automated CI/CD pipelines** using **GitLab, Docker**, and **Terraform**, reducing **deployment lead time by 60%** and eliminating **manual deployment errors**
- Developed **event-driven architectures** using **AWS SQS, EventBridge**, and **API Gateway**, ensuring **high availability** and **fault tolerance**
- Collaborated with **cross-functional teams** to deliver **pixel-perfect UI components** and **robust backend services** following **agile methodologies**

Full-Stack Developer | Larsen & Toubro

Apr 2021 – Jul 2022 | Hyderabad, India

- Developed **full-stack web applications** using **React.js, JavaScript, Java, Spring Boot**, and **MySQL**, reducing **client onboarding time by 25%**
- Created **interactive dashboards** and **data visualization components** using **React.js, Chart.js**, and **D3.js**, improving **business insights** and **decision-making processes**
- Built **secure authentication systems** using **Spring Security, JWT tokens**, and **OAuth2**, ensuring **data protection** and **user privacy**
- Implemented **Infrastructure as Code (IaC)** using **Terraform** for **AWS** and **on-premises hybrid systems**, improving **deployment consistency** and **environment management**
- Established **containerized deployment workflows** using **Docker, Kubernetes**, and **Jenkins CI/CD**, enhancing **deployment speed** and **rollback capabilities**
- Developed **internal developer platform** with **shared component libraries** and **React hooks**, increasing **developer productivity by 40%**
- Created **API integration layers** connecting **legacy systems** with **modern web applications** using **Java** and **JavaScript**, reducing **manual processes by 90%**
- Conducted **code reviews, performance optimization**, and **technical documentation** to maintain **code quality** and **team knowledge sharing**

Software Developer | Locus Elite

Jan 2020 – Mar 2021 | Hyderabad, India

- Built **subscription-based SaaS platform** using **React.js**, **Node.js**, **Java 8**, **Spring Boot**, and **MongoDB**, supporting **enterprise-level scalability**
- Developed **payment integration features** using **Stripe API**, **JavaScript**, and **webhooks**, enabling **real-time payment processing** and **automated invoicing**
- Created **responsive user interfaces** using **React.js**, **CSS3**, and **Bootstrap**, ensuring **cross-browser compatibility** and **mobile responsiveness**
- Implemented **automated testing strategies** using **Jest**, **JUnit**, **Mockito**, and **Test Containers**, improving **code coverage by 85%**
- Established **CI/CD automation** using **GitHub Actions**, **Docker**, and **SonarQube**, increasing **release confidence by 35%** and **deployment frequency**
- Collaborated with **frontend teams** to design **RESTful APIs** and **GraphQL endpoints**, enabling **efficient data fetching** and **real-time updates**
- Optimized **application performance** using **React optimization techniques**, **lazy loading**, and **code splitting**, reducing **bundle size by 30%**
- Conducted **performance profiling** using **Chrome DevTools** and **JProfiler**, eliminating **memory leaks** and **performance bottlenecks**

Education

Master of Science in Data Analytics | GPA: 4.0

University of North Texas | Denton, TX | Aug 2022 – May 2024

Relevant Coursework: Data Structures & Algorithms, Database Systems, Software Engineering, Data Analytics, Web Development, Cloud Computing.

Projects

E-Commerce Platform with Real-Time Analytics:

Developed full-stack e-commerce solution with **React.js**, **TypeScript**, **Material-UI** frontend and **Java Spring Boot** microservices backend. Implemented **shopping cart**, **Stripe payment integration**, **JWT authentication**, and **real-time inventory updates**. Built analytics dashboard using **WebSocket**, **Chart.js**, and **D3.js**. Deployed on **AWS EC2** with **Docker**, **MySQL**, **Redis** caching, and **S3** storage, supporting **1000+ concurrent users** with **99.9% uptime**.

Healthcare Management System with Patient Portal:

Created HIPAA-compliant healthcare platform using **React.js**, **Redux**, **TypeScript** frontend and **Java 11**, **Spring Security**, **PostgreSQL** backend. Features include **patient portal**, **EHR management**, **appointment scheduling**, and **secure messaging**. Implemented **OAuth2**, **RBAC**, **data encryption**, and **audit trails**. Deployed using **AWS Lambda**, **API Gateway**, **CloudWatch** with **95% test coverage** via **Jest**, **JUnit**, **Cypress**.

Social Media Analytics Dashboard with AI Integration:

Built analytics platform processing **10M+ daily posts** using **Next.js**, **React Hooks**, **SSR** frontend and **Java**, **Spring WebFlux**, **MongoDB** backend. Integrated **Apache Kafka** streaming, **Redis** caching, and **Python ML APIs** for sentiment analysis. Created interactive visualizations with **D3.js** and **Chart.js**. Deployed on **AWS EKS** with **Kubernetes**, **Docker**, and **GitHub Actions CI/CD** using **blue-green deployment** strategy.

License & Certifications

- **AWS Certified Developer – Associate (DVA-C02)**
- **Oracle Certified Professional: Java SE 11 Developer (IZ0-819)**
- **Postman API Fundamentals Expert**