

Mohammed Sohaib

Java Full Stack Developer

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Professional Summary

Full Stack Java Developer with 4+ years of hands-on experience in full-stack engineering with expertise in Java (8–17), Spring Boot, React.js, and AWS. I specialize in building secure REST and GraphQL APIs, integrating cloud infrastructure with DevOps tools like Docker, Kubernetes, Jenkins, and Terraform to streamline CI/CD and deployment. Adept in designing responsive UIs, real-time data pipelines, and observability dashboards, I also contribute to test automation, code quality, and performance optimization. Known for mentoring peers, leading design discussions, and fostering Agile collaboration across cross-functional teams.

Technical Skills

Programming Languages: Java (8–17), JavaScript, TypeScript, SQL

Backend Technologies: Spring Boot, Spring MVC, Spring Security, Hibernate, Node.js

Frontend Technologies: React.js, Angular, Redux, HTML5, CSS3, Bootstrap

API & Integration: REST APIs, GraphQL, WebSockets, Swagger

Cloud & DevOps: AWS (S3, EC2, Lambda, API Gateway, RDS, IAM), Docker, Kubernetes, Jenkins, Git, GitHub, CI/CD Pipelines, Azure

Infrastructure & Monitoring: Terraform, CloudWatch, Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), Nginx, Load Balancing

Testing & Quality: JUnit, Mockito, Jasmine, Postman, Test strategy, Code coverage, Integration testing

UI/UX & Design Principles: Responsive Design, Accessibility (WCAG), Design Systems, Material UI

Collaboration & Leadership: JIRA, Confluence, Agile/Scrum, Slack, Mentoring, Technical Design Discussions, Peer Reviews, Team Collaboration

Work Experience

M&T Bank, USA | Java Full Stack Developer

Feb 2024 – Present

- Designed and implemented RESTful APIs using Java 17, Spring Boot, Hibernate, and GraphQL to streamline loan origination, credit validation, and document management workflows across MySQL and AWS RDS-backed services.
- Developed responsive and accessible front-end modules using React.js, Redux, and TypeScript, improving UX for loan applicants with real-time document uploads and application status tracking resulting in a 35% reduction in user drop-off rate.
- Integrated AWS S3 with pre-signed URLs for secure document storage, configured API Gateway, Lambda, and IAM policies to enforce fine-grained access control, and routed traffic securely using NGINX and Fiddler.
- Processed real-time Kafka streams for transaction analysis and implemented fraud detection logic using rule-based filters in Spring Boot, enhancing data observability with Prometheus, Grafana, and ELK stack integrations.
- Engineered fraud investigation dashboards with React.js and styled-components, allowing analysts to visualize and annotate events stored in PostgreSQL and MongoDB; implemented integration regression testing for data reliability.
- Automated CI/CD pipelines using Jenkins and Docker, deployed services via Kubernetes with Helm, and managed infrastructure provisioning using Terraform—achieving 40% faster deployment cycles and improved scalability across EC2 instances.
- Contributed in technical design discussions, provided guidance to junior developers, conducted peer reviews, and fostered cross-functional collaboration through Slack and JIRA while enforcing role-based security via Spring Security and JWT.

Experion Technologies, India | Software Engineer

Jun 2018 – Dec 2021

- Designed and developed microservices for hospital appointment, record, and loyalty engines using Java 11, Spring Boot, GraphQL, and REST API, reducing average API response time by 30% and ensuring scalable integration across services hosted on Azure.
- Implemented robust persistence layers using Hibernate and MongoDB, enabling structured storage of EMR (Electronic Medical Records) and flexible reward point data; incorporated Azure RDS and API Gateway for secure, scalable access.
- Developed automated notification systems using Spring Scheduler, Kafka, and Twilio API, integrated with TypeScript-driven Angular frontends to ensure responsive design and WCAG-compliant user engagement workflows.
- Enforced secure document handling and access control through Spring Security and Azure IAM, applying role-based authentication across patients, clinicians, and retail admins, aligned with design system principles.
- Drove integration testing strategies using Postman, Swagger, and JUnit, while driving test coverage improvements by 45% and contributing to system-wide quality through peer reviews and technical discussions.
- Optimized session management and caching with Redis and rate-limiting filters to handle high-throughput loyalty redemptions; implemented observability dashboards using Prometheus, Grafana, and the ELK Stack.
- Streamlined CI/CD with Jenkins and Docker, deployed infrastructure via Terraform on Azure EC2 instances, and collaborated cross-functionally with frontend (Angular) and DevOps teams to deliver production-ready deployments.

Education

Master of Science in Computer Science

Dec 2023

University of North Texas, USA

Bachelor of Technology in Computer Science

Sep 2020

Jawaharlal Nehru Technological University, India

Certifications

Oracle Certified Java SE 11 Developer

AWS certified Developer Associate

Projects

Job Portal Application

- Developed a full-stack Job Portal using Java Spring Boot, HTML, CSS, JavaScript, and RESTful APIs to support seamless job listings and user registration.
- Implemented Spring Security for role-based access control, user authentication, and secure session handling.
- Utilized Hibernate and JPA for database operations, ensuring efficient data persistence and entity relationships.
- Delivered a responsive UI and scalable backend architecture, enhancing performance and user experience across devices.

Bank Management System

- Designed a scalable banking platform using Spring Boot microservices to manage accounts, transactions, and asset services independently.
- Implemented Spring Security for secure authentication, Spring Cloud Config for centralized configuration, and Eureka for service discovery.
- Integrated Kafka for real-time event-driven communication and Resilience4J for Circuit Breaker to improve fault tolerance.
- Enabled distributed tracing and logging to monitor service health, ensure reliability, and streamline debugging in production environments.