

SHUBHAM CHAUDHARY

Pune, India · +91-8265972317 · shubhamch.er@gmail.com · linkedin.com/in/ch-shubham

Software Development Engineer with 4 years of expertise in Java Spring Boot microservices and React applications, delivering scalable solutions and user centric software products. Proficient in AWS, Observability, Monitoring and DevOps.

PROFESSIONAL EXPERIENCE

Deutsche India Pvt Limited, Pune

February 2023 – Present

Associate Software Engineer

- Engineered 4+ distributed Java SpringBoot microservices in a **greenfield project**, leveraging Spring Cloud Config, Spring Security and Spring WebClient to enforce compile time interface validation—reducing mismatches by **95%** and boosting performance by **29%**.
- Proposed and developed **React-based user interfaces**, automating data workflows and reducing manual intervention by **94%**, enhancing user experience and front end maintainability.
- Implemented Flyway for database **versioned migrations** and reorganised Oracle procedures and SQL queries, reducing data processing time by 38-40% and cutting workload by 28% through RESTful API integrations.
- Configured **observability and monitoring** for microservices on Production, improving debugging efficiency by 27%.
- Co-ordinated to secure services with **RBAC via OpenID Connect** and improved code quality with **ArchUnit**, cutting design issues by 66%.
- Mentored junior developers on best practices, raising SonarQube scores by 18% and elevating code quality.

Publicis Sapient, Noida-Remote

June 2021 – February 2023

Associate Software Developer-1

- Devised secure and scalable RESTful services with Java Spring Boot, employing Object-Oriented Programming and Multi-threading techniques, leveraging Eureka, and Kafka, **processing 1M+ messages/day**.
- Achieved **PII masking** for sensitive data encryption and optimised testing with Docker Compose, reducing testing time by 48%.
- Delivered interactive web pages with React.js, Redux, and Redux-Thunk, reducing development time by 18%.
- Organised 87% of **CI/CD workflows** with Kubernetes, Docker, and Jenkins caching, cutting deployment times by 50% and ensuring reliable build and release processes.

Freelancing, Remote

February 2021 - May 2021

Developer

- Formulated a high-performance file management system using React and Redux, implementing Concurrency Programming for optimal performance and enhancing Web Application Development for over 300 active users, resulting in a **44% reduction** in load times.
- Built secure backend and optimised runtime by deploying **AWS Lambda functions** (integrated with API Gateway) and leveraging AWS Cognito, DynamoDB, and S3 for Spring Boot applications—**reducing service runtime by 33%**.
- Pioneered an **API-first development strategy** by integrating **OpenAPI** Code Generator into a Java Gradle project, achieving 100% adherence to OpenAPI specifications and reducing integration errors by 15%.
- Created and maintained jozty-fae, an **open-source functional programming** library for Deno, inspired by Ramda, earning **40+ GitHub stars** for code modularity, reusability, and developer productivity ([Link](#)).

Tachyon Systems, Remote

August 2020 - February 2021

Full Stack developer (Internship)

- Drafted a secure user **authentication system** with React.js, Node.js, and AWS Cognito; revamped the multi-step registration form using Redux and Ant-Design, resulting in a 16% decrease in user drop-off during sign-up.
- Deployed microservices architecture with AWS ECS and Docker, integrating AWS services (EC2, Lambda, API Gateway, SES, Route 53) for scalable and optimal solutions.

EDUCATION

National Institute of Technology, Uttarakhand

June 2017 - June 2021

Bachelor of Technology

SKILLS

Technologies: Java, JavaScript, Spring Boot, JUnit, React, Redux, AWS, SQL/No-SQL Databases, Oracle PL/SQL, DynamoDB.

Tools: Flyway, Git, GitHub, Redhat OpenShift, Docker, Jenkins, Helm, GitHub Actions, Prometheus, Grafana, Splunk, Actuator, Swagger, Micrometer-Tracing.

Fundamentals: Data Structures & Algorithms, Distributed Systems, Object Oriented Design, Unix.

SPECIAL ACHIEVEMENTS

Recognition: Awarded 'Engaging with Openness' for fostering collaboration and delivering impactful solutions in a 15+ member team.

Promotion: Accelerated promotion to Associate for leading project to production within tight timelines.