Muzammil Hussain

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SUMMARY

Software Engineer with 3 years of experience delivering secure and scalable enterprise applications using Java, Spring Boot, Kotlin, and React. Skilled in designing and implementing microservices, REST APIs, and distributed systems with a strong focus on performance, compliance, and user experience.

WORK EXPERIENCE

Software Engineer (Consultant), Goldman Sachs — Sep 2024 – Present, Birmingham, UK

– Modernized Treasury Reporting tool by redesigning the UI/UX and building an SPA using ReactJS in a microfrontend architecture deployed to Payments Desktop platform.

– Migrated TQuest (Elasticsearch-backed historical transaction query tool) to a JWT-based Ping Federate authentication solution, strengthening authorization, compliance and secure coding practices.

– Automated configuration of Central Audit Logging (CAL) in Spring Boot applications by scripting updates to log4j2-spring.xml. Segregated API access logs from application logs and redirected them to dedicated files, ensuring auditability and compliance.

– Remediated 10+ Tech Risk items (SQL injection, XSS, hard-coded secrets, RCE), aligned with secure coding and DevOps best practices.

Full Stack Developer, DBS Bank — Mar 2022 – Sep 2022, Hyderabad, IN

– Led end-to-end development of new features such as Multiple Booking Locations, enabling cross-country corporate loans to be processed within a single case file.

– Took ownership of 4 microservices, ensuring code quality through code reviews and high test coverage.

– Optimized PAW Dashboard page load time by 60% using backend pagination, Kotlin coroutines, and REST API optimization.

– Implemented batch processing with Spring Batch to automate database records cleanup tasks.

– Conducted production deployments, regression testing, and on-call support, resolving incidents to ensure business continuity.

Application Developer, DBS Bank — Sep 2020 – Feb 2022, Hyderabad, IN

– Developed RESTful APIs to support the Post Approval Workflow (maker/checker process), streamlining documentation, credit risk checks, transaction approvals and disbursement processing.

– Designed and delivered an @User Tagging feature in a loan case comment section, enabling users to easily mention colleagues, streamline collaboration, and receive automated notifications; included authorization checks and debounced user search for improved security and responsiveness.

– Implemented region-specific document storage using AWS S3, ensuring compliance with data localization policies.

– Achieved 80%+ code coverage through unit tests and integration tests using JUnit, Jest & Cypress.

SKILLS

Languages	Kotlin, Java, TypeScript, SQL, JavaScript, HTML, CSS
Frameworks	Spring Boot, ReactJS, Web Components, JUnit, Mockito, Jest, Cypress
Architecture & Practices	Microservices, Frontend microservices, Agile, TDD, Secure Coding (XSS, SQL Injection prevention)
Tools & Platforms	CI/CD(Jenkins, GitLab), Kubernetes, IntelliJ, Copilot, PCF, Git, Nginx, Postman, Splunk, MariaDB, OAuth 2.0, JWT, JSON, XML, Web Accessibility

EDUCATION

Jan 2024	MSc Advanced Computer Science, University of Leicester, UK
Sep 2020	B.Tech Information Technology, GRIET, IN