

Muzammil Hussain

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SUMMARY

Software Engineer with 3.5 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 – Dec 2025, Birmingham, UK

- Modernized Treasury Reporting tool by building a SPA using ReactJS + GS UI/UX toolkit in a microfrontend architecture deployed to GS Shell backed by Spring Boot + Java based APIs.
- Implemented OAuth2 migration for TQuest (Elasticsearch-backed transaction query platform), transitioning from deprecated Webid to Ping Federate-based authentication to enhance security and enable enterprise identity integration.
- Architected GitLab CI/CD pipeline for TQuest service, automating build, test, compliance scanning, and artifact uploads to enable faster and more reliable deployments.
- Automated Central Audit Logging (CAL) infrastructure across Spring Boot services, using FreeMarker templating to manage log4j configurations and centralize API access logs for audit compliance and regulatory requirements.

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

- Developed the Multiple Booking Locations feature within the Post Approval Workflow (PAW), facilitating the processing of cross-region corporate loans in a single PAW case, enhancing efficiency.
- Owned and maintained 4 microservices end-to-end, ensuring high code coverage and enforcing quality standards through rigorous code reviews.
- Optimized PAW Dashboard page load time by 60% through backend pagination, non-blocking Kotlin coroutines, and REST API query optimization.
- Automated cron jobs with Spring Batch to dispatch disbursement requests and clean up stale records in the database.

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 implemented an @User Tagging feature in the PAW case comment section, enhancing collaboration for PAW users and streamlining notifications through improved security measures and user search functionalities.
- Implemented region-specific document storage service 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	Java, Kotlin, TypeScript, SQL, Shell Scripting, HTML, CSS, Python, Go
Frameworks	Spring Boot, ReactJS, Spring Security, J2EE, JUnit, Mockito, Jest
Architecture & Practices	Microservices, MVC, Restful Services, Agile and Scrum
Tools & Platforms	On-prem linux hosts, AWS, Tomcat, GitLab, Jenkins, Docker, YAML, MySQL, IntelliJ, VS Code, Copilot, FreeMarker Template, Nginx, Postman, Splunk

EDUCATION

Jan 2024 MSc Advanced Computer Science, University of Leicester, UK

Sep 2020 B.Tech Information Technology, GRIET, IN