

Abdulla B

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Experience

Vivant360 Software Services

Jan 2023 – Present

Software Developer — Java, Spring Boot, Hibernate, Redis, MySQL, ReactJS

Tirunelveli, India

- **Led development** across client engagements to engineer robust **enterprise systems**, launching multiple production-grade platforms and **earning client recognition**.
- **Architected** an end-to-end **B2B insurance portal** using Java, Spring Boot, Hibernate, MySQL, and Redis, **cutting manual policy processing by 80%**.
- **Re-architected** core backend services and optimized **complex MySQL queries**, scaling monthly quote **throughput from 2.5M to over 5.7M**.
- **Implemented** a caching layer for high-traffic services, **reducing database load and improving API response speeds by 30%**.
- **Decoupled** high-throughput asynchronous workflows using **Redis Streams and Consumer Groups**, **reducing overall quote and approval times by 40%**.
- **Authored unit and integration tests** using **JUnit and Mockito**, strengthening regression safety and enabling confident refactoring across core services.
- **Ensured operational stability** of production systems by investigating and resolving live issues, improving logging and error traceability to **cut incident diagnosis time**.
- **Built** a complete, **responsive frontend** using optimized state management and routing, **delivering a seamless user experience**.
- **Modernized** core enterprise architecture to **Spring Boot 3.5.10 and Java 21**, engineering unified global exception handling to increase application startup speeds and **assure long-term maintainability**.
- **Consolidated scattered internal APIs** into a single, **unified REST endpoint** for external aggregators, **accelerating transaction processing by 70%**.

Projects

Identity & Access Management (IAM) System | Java, Spring Boot, JWT, RBAC

[GitHub](#)

- Built a centralized JWT/RBAC authentication service, **automating workflows to deliver scalable REST APIs**.

Real-Time Event Processing System | Java, Spring Boot, Kafka, Redis

[GitHub](#)

- Engineered a Kafka/Redis architecture to manage workloads, **decoupling services with minimal latency**.

Shield (Digital Wellbeing App) | Kotlin, Android, MVVM

[GitHub](#)

- Developed a Kotlin/MVVM app to block mindless scrolling, **delivering a functional digital wellbeing tool**.

Education

St. Xavier's College

Tirunelveli, India

Master of Computer Applications (MCA) · CGPA: 8.6

Graduated: 2023

Technical Skills

Languages: Java, SQL, JavaScript

Backend: Spring Boot, Hibernate, REST APIs, Microservices

Databases & Caching: MySQL, MongoDB, Redis (Caching, Streams, Consumer Groups, Pub/Sub)

Frontend: ReactJS, Next.js

Cloud & DevOps: AWS (EC2, S3, RDS), Docker, Kubernetes, Jenkins (CI/CD), Git, Agile/Scrum

Testing: JUnit, Mockito, Integration Testing, Postman

AI Tooling: GitHub Copilot, Claude, AI-assisted development & debugging

Concepts: OOP, SOLID, Design Patterns, LLD/HLD, Multithreading & Concurrency, DSA, Distributed Systems

Awards & Achievements

- **Outstanding Excellence Award (2023) @ Vivant360:** Built and launched an automated B2B insurance platform, reducing manual processing by 80%.
- **Client Recognition Award (2024) @ RAK Insurance, Dubai:** Delivered critical backend system enhancements, reducing complaint-resolution time by 40%.
- **2nd Place Winner (2026) @ VDSA Hackathon:** Prototyped a Kotlin-based digital wellbeing app (Shield) under a strict deadline.