Musadiq Ahmed

SOFTWARE DEVELOPMENT ENGINEER · FULL STACK DEVELOPER

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Education

VET (Vasavi Education Trust)   *Bangalore, India*
DIPLOMA IN COMPUTER SCIENCE AND ENGINEERING   *2014 – 2017*

DSCE (Dayananda Sagar College of Engineering)   *Bangalore, India*
B.E. IN COMPUTER SCIENCE AND ENGINEERING   *2017 – 2020*

Experience

Accenture   *Bangalore, India*
SENIOR SOFTWARE ENGINEER   *Jan. 2021 - Present*

- Re-engineered the end-to-end redesign of the Wi-Fi Pro system, By building scalable APIs with **4+ external service integrations**, along with robust exception handling, logging, and monitoring, **supporting 1,800+ daily transactions with 95 percent** production reliability.
- Resolved UI timeout issues by refactoring backend processing logic with conditional filtering based on type, **reducing API response time by 45 percent (36s → 18–20s)**.
- Re-engineered multiple Python-based DataLake scripts with Kibana logging using **LogStash**, automated retries, and performance optimizations, and deployed via Docker images, **cutting execution time from a day to under 15 minutes** while improving long-term reliability and maintainability.
- Engineered a Python data-processing script leveraging **Pandas DataFrames, PyMongo**, and datetime-based filtering to consolidate multi-event Concise logs into structured CSV outputs.
- Owned and developed the large-scale migration of **job notifications for 10,000+ technicians**, architecting and implementing a **Kinesis-based** real-time event streaming system, **integrating APNs for push delivery**, and building a scalable, flag-driven message routing to ensure reliable, low-latency notification delivery across all job lifecycle events.
- Developed a centralized Error Handling Framework which is **used across 60+ microservices for standardizing exception handling**, and observability to deliver clear, actionable UI error messages, significantly **improving developer productivity**, platform reliability, and user experience.
- Migrated **3+ microservices from Java to Kotlin from scratch**, exposing scalable APIs for external integrations and **consuming data from 5+ internal REST/GraphQL APIs**, improving performance, reliability, and maintainability.
- Developed **2+ Kotlin microservices** from scratch, consuming multiple REST and GraphQL APIs and **implementing Couchbase upsert-based storage** for high-performance, scalable data persistence.

Skills

Back-End Java, Kotlin, Python, JavaScript, Kinesis, Kafka, REST API, GraphQL API and SOAP API
Programming Java, Kotlin, Python
DevOps AWS, Docker, Concourse, Kibana, Cloud Foundry, Jenkins
Front-End Angular
Languages English, Hindi, Kannada

Honors & Awards

ACE Award, Honored for exceptional performance, engineering excellence, and consistent high-impact results.
Client Champion, Recognized for outstanding delivery, ownership, and high-impact contributions to critical business initiatives.
Tech Whiz, Recognized for technical excellence, innovative problem-solving, and high-impact contributions to backend systems and platform reliability.