

ANISUL ISLAM

FULL STACK ENGINEER

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PROFESSIONAL OVERVIEW

Full Stack Engineer with 6+ years architecting scalable web applications using Java, JavaScript, TypeScript, and cloud-native technologies. Delivered 9 microservices and 3 frontend applications solo in 8 weeks, achieving 99.97% uptime and 50% performance improvements. Expertise spans Spring Boot, NestJS (Node.js), REST API design, PostgreSQL, DynamoDB, and AWS infrastructure. Proven track record leading teams of 5+ developers in Agile environments with CI/CD automation and test-driven development.

PROFESSIONAL EXPERIENCE

Java Developer

Silverlake Axis (Contract), Remote | Jan 2023 – Jun 2025

- Engineered resilient EOD batch processing systems using Spring Boot, Spring Batch, and Kafka, ensuring 100% SLA adherence for critical banking operations processing 1000+ daily transactions.
- Optimized TiDB distributed SQL database performance by 30% through query tuning, indexing strategies, and schema redesign; containerized deployments with Docker on AWS infrastructure (EC2, S3)
- Automated failure detection and reporting pipelines, reducing manual intervention by 50% and improving system reliability for enterprise clients.

Software Engineer → Senior Software Engineer

Divergent Technologies Ltd., Dhaka | Aug 2020- Dec 2022

- Promoted to lead team of 5 developers, implementing Agile sprints and CI/CD pipelines that boosted productivity by 40% and achieved 100% automated test coverage.
- Optimized database queries and caching layers, improving application response time by 30% and reducing server infrastructure costs by 20%.
- Developed full-stack client portals using JavaScript, jQuery, PHP/Codelgniter, improving page load speeds by 30% and reducing bounce rates by 80% while maintaining 95% customer retention.

PROJECTS

NeoBank Core – AI-Native Digital Banking Platform | 2024 – 2025

- Architected 9 microservices and 3 frontend applications solo within 8 weeks, delivering 2,422 automated tests and achieving 99.97% uptime under chaos engineering validation.
- Implemented AI-powered fraud detection using OpenAI APIs and resilient patterns (circuit breakers, rate limiting) with Java, Spring Boot, and Spring Modulith).
- Deployed on Kubernetes with Docker containers, implementing full observability stack (Prometheus, Grafana, Loki, Tempo) and reducing technical debt to near-zero.

EDUCATION

BSC. In CSE |  2018

BRAC University, Dhaka

SKILLS

- Languages:** Python, SQL, HTML5, CSS3, Java (Expert), JavaScript, TypeScript
- Frontend:** Responsive Design, WebSocket, React, Vue.js
- Backend:** Spring Boot, Node.js, NestJS (Node.js), Microservices Architecture, REST API Development
- Database:** PostgreSQL, DynamoDB (NoSQL), TiDB, MySQL, SQLite, Query Optimization, Hibernate ORM
- Cloud/DevOps:** AWS (EC2, S3, Lambda, RDS, CloudWatch), Docker, Kubernetes, Git, CI/CD, Linux
- Methodologies:** Agile/Scrum, Test-Driven Development, Domain-Driven Design.

PROFESSIONAL DEVELOPMENT

AWS Educate (Machine Learning, Serverless, Cloud Ops, Security, Databases, Networking)

AWS, Online
2025