Mohammed Ismail

Backend / Backend-Focused Full-Stack Software Engineer

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Dubai, UAE | Relocating to Dubai

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Summary

Backend-focused Software Engineer with hands-on experience designing, modernizing, and scaling enterprise-grade backend systems using Java and Spring Boot. Strong background in microservices architecture, RESTful APIs, database-driven applications, and performance optimization. Experienced in backend-led full-stack development with React and Next.js to support platform and UI requirements. Proven contributor in global enterprise teams, innovation initiatives, and system modernization projects. Actively seeking Backend / Backend-Focused Full-Stack roles in the UAE.

Core Skills

Backend Development: Java, Spring Boot, Microservices, REST APIs, Spring Batch, JPA / Hibernate.

Databases: PostgreSQL, Oracle, MySQL, MongoDB.

Frontend (Supporting): React, Next.js, TypeScript.

Security & Architecture: OAuth2, OpenID Connect (OIDC), JWT, Role-Based Access Control (RBAC).

Tools & Practices: Git, Docker (basic), IntelliJ IDEA, CI/CD basics, Agile / Scrum.

Professional Experience

Software Development Engineer - Accelya, Mumbai *July 2024 - Present*

- Migrated legacy C#/.NET systems to Spring Boot microservices, improving performance by ~40% and enhancing scalability.
- Designed and developed scalable backend services using Java and Spring Boot, integrating with Oracle and PostgreSQL databases.
- Contributed to backend architecture with focus on performance, clean service boundaries, and maintainability.
- Built an internal enterprise frontend framework using Next.js and React, reducing frontend development time by ~70%.
- Implemented OAuth2 / OIDC authentication, JWT validation, and fine-grained RBAC for secure enterprise applications.
- Winner – Accelya Global Ideathon; conducted POCs on AI-assisted development tools like Cursor, Windsurf, Copilot, etc.

Python & Machine Learning Developer - Detroids, Mumbai *Oct 2023 - March 2024*

- Built backend-integrated ML pipelines using Python for predictive analytics and real-time inference.
- Supported AI dashboards by developing backend services and data processing workflows.
- Gained experience working on production systems, focusing on reliability, performance, and extensibility.

Web Developer - Octanet Services Pvt. Ltd., Mumbai *Feb 2024 - April 2024*

- Developed backend functionality using Node.js and MongoDB for a job and internship portal.
- Implemented REST APIs for user management, authentication, and admin workflows.
- Worked in an agile, fast-moving environment requiring adaptability and independent execution.

Education

Bachelor of Engineering (B.E.)

Rizvi College of Engineering — 2021 - 2024

Computer Engineering — CGPA : 9.18

HSC — 83.23%

SSC — 95%

Personal Details

- Email : shaikhismail1104@gmail.com
- Visa Status : Relocating to UAE
- Passport Expiry : October 2033
- Nationality - Indian
- DOB : 11 April 2002

Certifications

- **Certified Scrum Master (CSM)** — Issued By HRDC (UAE Approved)
- **Full Stack Web Development Certification** — Issued By Edureka (MERN Stack specialization)
- **Microsoft Azure and Machine Learning Fundamentals** — Issued By Microsoft.