Fazlul Kareem

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Full Stack Java Developer with 5+ years of experience in building scalable applications that meet complex business needs. Skilled in application development, systems design, and delivering end-to-end solutions using Java, Spring Boot, React, and REST APIs. Strong background in translating requirements into secure, high-performance systems with cloud and DevOps integration.

ACHIEVEMENTS & TECH MILESTONE

Engineered secure and scalable RESTful APIs using Java 17, Spring Boot, and Spring Security, integrating JWT-based authentication and OAuth2, resulting in a 100% increase in secure client-server transactions across multiple B2B integrations.

Reduced API latency by 40% by optimizing core Java service logic, implementing efficient caching mechanisms using Spring Cache with EhCache, and refactoring controller-response workflows in a large-scale Spring Boot microservices project.

Improved code reliability and maintainability by enforcing SOLID principles and writing over 300+ unit and integration tests with JUnit 5 and Mockito, achieving 95% test coverage and reducing production defects by 60%.

WORK EXPERIENCE

Sparklex Technologies Inc   **06/2024 - Present**
Full Stack Developer

- Designed and implemented multiple independent Java-based microservices with Spring Boot, following Domain-Driven Design (DDD) and Separation of Concerns.

- Designed and deployed cloud-native applications using Azure App Services,Kubernetes, API Gateway, and Azure Functions, enabling seamless scalability and highavailability.

- Implemented inter-service communication using Apache Kafka for asynchronous messaging and Feign clients for synchronous REST communicatio

- Built asynchronous messaging components using RabbitMQ and integrated REST services for efficient data sync between distributed systems.

- Collaborated with QA and DevOps teams to deploy and monitor apps in AWS EC2 instances, using Maven and custom Gradle scripts.

- Conducted system analysis and post-implementation reviews to identify bottlenecks and recommended performance enhancements using profiling tools.

Bluewave Labs   **06/2023 - 05/2024**
Full Stack Developer

- Delivered a robust SaaS application for human resource management via the PERN Stack , ensuring reliable performance that seamlessly handled API requests for HR management operations.

- Integrated MySQL and MongoDB for structured and unstructured data models, leveraging JPA for dynamic queries and optimized data access layers.

- Built reusable UI components in Angular and jQuery to support dynamic forms and real-time validation, enhancing customer experience across portals.

- Participated in application design, risk assessment, and system implementation aligned with compliance and financial industry best practices.

- Mentored junior developers on full-stack best practices, code quality, and use of IntelliJ, Git, and Maven, ensuring consistency across agile sprints.

SKILLS

Programming: Java, JavaScript, Python

Frontend Development: React, Redux, Bootstrap, Tailwind CSS, Material UI, HTML5

Backend Development: Node.js, Express, Spring Boot, REST APIs, JQuery, Spring MVC, JSON, Gradle

DevOps: Git, GitHub, Docker, Jenkins, YAML pipelines, CI/CD

Cloud Platforms: Azure, Firebase, GCP

Testing: JUnit, Cucumber, Unit Testing

Ticketing System: JIRA

Databases: PostgreSQL, MySQL, MongoDB, Oracle, PL/SQL

Frameworks & Tools: IntelliJ IDEA, MS Visual Studio, Postman, Swagger, Linux

Soft Skills: Planning, Leadership, Agile Methodologies, Technical Documentation, Risk Reporting, Cross-functional Collaboration, Troubleshooting, Analyzing

EDUCATION

• Master of Engineering (MEng) in Computer Science
University of Windsor
Windsor, Canada

• Bachelor of Technology (BTech) in Information Technology
KCG College of technology
Chennai, India

Sixth Force Solutions   **04/2020 - 03/2022**
Full Stack Developer

- Developed and deployed scalable Java 17 microservices using Spring Boot, JPA, and Kafka to support high-throughput transaction systems for enterprise clients in the finance sector.

- Led end-to-end development of React-based dashboards integrating RESTful APIs, reducing operational overhead by 30% for client-side performance monitoring.

- Implemented CI/CD pipelines with GitHub Actions, Docker, and Kubernetes, improving deployment speed and environment parity across dev, test, and production.

- Conducted feasibility analysis and performance tuning for critical APIs using Postman and JMeter, ensuring sub-200ms latency across distributed systems.

- Collaborated with cross-functional teams to enforce application security via Spring Security, OAuth2, and AWS IAM policies during cloud migration.

CERTIFICATIONS & TRAININGS

Microsoft Certified: Azure Administrator (AZ-104)
Microsoft Certified: Azure Fundamentals (AZ-900)
AWS Fundamentals: Going Cloud-Native