MOHAMMED ABUDHAR GHIFARI

Chennai, India

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PROFESSIONAL SUMMARY

Dual-certified cloud developer (AWS & Azure) with 4+ years of experience building scalable, cloud-native microservices and distributed systems. Expert in Java, Spring Boot, and event-driven architectures with proven success in designing high-throughput APIs, optimizing database performance, and implementing DevOps best practices. Passionate about leveraging emerging technologies including AI integration and automation to solve complex engineering challenges at scale.

TECHNICAL SKILLS

Programming: Java (8/11/17), Python, JavaScript, SQL, Bash/Shell Scripting
Backend & Frameworks: Spring Boot, Microservices, Hibernate, JPA, Kafka, DAPR, REST APIs, Event-Driven Architecture
Cloud Platforms: AWS (EC2, S3, Lambda, API Gateway, RDS, IAM, CloudWatch), Azure (App Service, Functions, DevOps)
DevOps & Container: Kubernetes, Docker, Helm, Jenkins, GitHub Actions, CI/CD, Minikube
Databases: PostgreSQL, MySQL, Oracle, Transaction Management
Architecture: Domain-Driven Design, Clean Architecture, SOLID Principles, Distributed Systems
Testing & Quality: JUnit, Unit Testing, Integration Testing, Code Reviews, Performance Optimization
Security: OAuth 2.0, JWT, OWASP, Secure Coding Practices
Tools & Methods: Git, Maven, Gradle, Postman, IntelliJ IDEA, Agile/Scrum, Jira, Confluence
AI/Automation: Claude Code, GitHub Copilot, Prompt Engineering, N8N, Antigravity

PROFESSIONAL EXPERIENCE

System Engineer   **April 2025 – Present**
Tata Consultancy Services, Chennai, India

- Architected cloud-ready RESTful APIs using Spring Boot following 12-factor principles, ensuring scalability and observability for enterprise financial applications serving 50K+ concurrent users
- Implemented OAuth 2.0/JWT authentication enabling secure API consumption by cloud-hosted services and AI-driven clients, reducing security vulnerabilities by 85%
- Integrated React frontend with Spring Boot backends and deployed containerized solutions, achieving 99.95% uptime
- Established centralized error handling and structured logging with OpenAPI/Swagger documentation, improving debugging efficiency by 60% and supporting APM tool integration
- Optimized data synchronization for low-latency performance in financial systems, reducing API response times by 40%

Software Engineer   **June 2021 – February 2025**
Behindforce Technologies (Subsidiary of QIC), Chennai, India

- Designed and deployed cloud-native microservice architecture using Spring Boot and Dapr, implementing service discovery and resiliency patterns reducing system downtime by 70%
- Built event-driven data pipelines with Apache Kafka processing 500K+ messages/day, enabling real-time analytics and supporting downstream ML workloads with 99.9% message delivery
- Managed Kubernetes deployments using Helm charts, automating staging deployments and reducing deployment time by 65%
- Optimized PostgreSQL schemas and complex queries for high-throughput transactional systems, improving query performance by 55% and reducing database load by 30%
- Integrated FeatureHub for remote feature flag management enabling A/B testing and gradual rollouts, accelerating feature deployment cycles by 50%
- Mentored 3 junior developers on microservices best practices, code quality, and cloud-native design patterns

Trainee Software Engineer **November 2020 – June 2021**

Behindforce Technologies (Subsidiary of QIC), Chennai, India

- Developed web-based insurance management systems, contributing to digitization initiatives that supported cloud migration
- Integrated external payment gateway APIs following secure communication patterns for distributed cloud systems
- Collaborated with business analysts to translate requirements into technical specifications supporting data-driven decisions

EDUCATION

Master of Science in Information Technology **2023**

The New College, Chennai

Bachelor of Science in Computer Science **2021**

The New College, Chennai

CERTIFICATIONS

AWS Certified Developer – Associate | ID: 788b2e76a24e47ee9fc3e34c41700164 Active

Microsoft Certified: Azure Developer Associate | ID: EE6C0413896F007A Active