

# MOHAMMED MUSHARAF

BACKEND ENGINEER | NODE.JS • AWS • SERVERLESS ARCHITECTURE

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## CORE TECHNICAL SKILLS

**Backend:** Node.js, Express.js, RESTful API Design, JWT Authentication, Async/Await, Centralized Error Handling

**Databases:** MySQL, MongoDB, DynamoDB (Query Optimization, Indexing)

**AWS:** AWS Lambda, API Gateway, IAM, S3, CloudWatch, KMS, Serverless Architecture

**Tools & Engineering Practices** Git, Bitbucket, Docker, Postman, Insomnia, CI/CD, Logging & Monitoring, Microservices

## PROFESSIONAL SUMMARY

Backend Engineer with ~2 years of hands-on experience designing, building, and scaling cloud-native, serverless backend systems. Proven ability to deliver high-performance REST APIs, optimize database operations, and deploy production-grade AWS solutions. Strong ownership mindset with measurable impact on performance, reliability, and cost efficiency.

## WORK EXPERIENCE

Software Developer — Xine Technology Solutions (Jan 2025 – Present)

- Developed backend microservices using Node.js, Express, and AWS Lambda.
- Designed and deployed 10+ production-ready REST APIs.
- Improved API performance by 25% through DB query optimization and caching.
- Implemented IAM, KMS, API Gateway routing.
- Reduced debugging time by 40% using CloudWatch Logs.

Data Engineer Intern — Mphasis (Sep 2024 – Dec 2024)

- Built ETL workflows using Talend + MySQL.
- Reduced SQL pipeline execution time by 35%.
- Created Power BI dashboards for KPI insights.
- Containerized ETL processes using Docker for consistency.

## RELEVANT PROJECTS

Serverless Inventory Platform:

- Designed and implemented a fully serverless backend using AWS Lambda, API Gateway, Node.js, and DynamoDB.
- Built IAM-secured CRUD APIs with fine-grained access control and scalable request handling.
- Configured API Gateway → Lambda integrations to support high concurrency with minimal operational overhead.
- Monitored and resolved production issues using CloudWatch Logs, improving system stability and mean time to recovery (MTTR).

## EDUCATION

B.Tech in Electronics & Communication Engineering

KKR & KSR Institute of Technology | 2018 – 2022

CGPA: 7.32 / 10