MOHAMMED MUSHARAF

Software Developer | Data Analyste

+91: 6304286358

md.musharaf0305@gmail.com

Kondapur, Hyderabad, Telangna

ABOUT ME

Software Developer with ~2 years of experience building production-grade serverless systems on AWS using Node.js.

Delivered scalable APIs, AI-powered workflows, and real-time financial platforms with measurable performance improvements.

Take ownership of systems through scaling phases, contributing to distributed system design, data pipelines, and secure cloud-native application delivery.

INDEPENDENT PROJECT

CashFlowPro — Financial Management Platform 🔗

- Built a real-time ledger system for merchants to track receivables, payables, and credit transactions.
- Designed dynamic balance calculations and relational data architecture across users, products, and transactions.
- Implemented secure JWT-based authentication with encrypted, session-scoped data access.
- Delivered a production-ready, end-to-end deployable application.

SKILLS

- **Backend:** Node.js, Express, Rest API Design, Authentication (JWT), Microservices
- **Databases:** MySQL, MongoDB, DynamoDB
- **Cloud & Infrastructure:** AWS (Lambda, API Gateway, IAM, S3, KMS, Bedrock, Agents), Serverless Architecture
- **Data & Analytics:** Python, ETL Pipelines, Data Modelling, Power BI, Talend
- **Tools:** Git, Bitbucket, Docker, Postman

EDUCATION

University: JNTUK   2018 – 2022

College: KKR & KSR Institute of Technology And Sciences

Branch: Electronics & Communication Engineer

Cgpa: 7.32 | Percentage: 70%

EXPERIENCE

Xine Technology Solutions   **2025 – 2026**

Software Developer

Serverless Case & Workflow Platform

- Architected and deployed a serverless inventory platform, delivering 10+ production APIs.
- Improved system performance by 25% through database optimization and caching.
- Strengthened system reliability, reducing debugging time by 40%.
- Built an AI-powered chatbot using Amazon Bedrock, designing prompts and action workflows.
- Integrated backend services with AI agents, refining behavior for stable production use.

AI Chatbot Platform (Amazon Bedrock)

- Built a production chatbot using Amazon Bedrock with structured prompts and agent workflows.
- Enabled secure API-based task execution through custom action groups.
- Improved response reliability through iterative prompt refinement and behavior tuning.
- Validated and stabilized the system through end-to-end testing.

Mphasis   **Sep 2024 – Dec 2024**

Data Analyste Trainee

Customer Analytics Data Pipeline

- Built a customer analytics pipeline processing 100K+ records end-to-end.
- Reduced SQL execution time by 35% through query optimization.
- Automated ETL workflows with validation and error handling.
- Containerized pipelines for consistent, production-ready deployments.
- Delivered dashboards enabling data-driven business decisions.