Luxmikant
Intern Analyst Developer

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Profile

- Full-stack developer with expertise in financial systems, enterprise applications, and high-availability architectures.
- Strong foundation in algorithms, data structures, and API design with proven delivery of production-grade solutions.

Education

VIT Bhopal University, MP   CGPA: 8.35
B.Tech in Computer Science Engineering
Specialization in Health Informatics
2022–2026

Key Courses: DSA, DBMS, OS, Computer Networks, Software Engineering, API Design

Technical Skills

Languages: C++, Rust, Python, JavaScript, TypeScript, SQL

Frontend: React, Vue.js, Redux, Vuex, Tailwind, Material-UI

Backend: Node.js/Express, Rust (Actix-web, Tokio), RESTful APIs, WebSocket, MQTT

Databases: MongoDB, SQL Server, PostgreSQL

DevOps: Git, Docker, CI/CD, AWS basics

Domain: Financial Systems, CRM, Real-time Data Processing

Certifications

1. Rust Training - Ferrous Systems
2. Applied ML in Python - Univ. of Michigan
3. Data Structures & OOP with C++

Achievements

🏆 Codeforces Specialist (rating 1496)
🏆 Research paper published in Springer
🏆 450+ LeetCode problems solved
🏆 Top 10 - Hack2Byte 3.0 Hackathon

Leadership

★ Technical Lead - College Projects
★ Team Leader - Police Datathon
★ Research Lead - Project Expo

Experience

Open Source: Flamenco Render Farm Manager
Core Backend & Frontend Developer   Jan 2025 – May 2025

- Built distributed task management system using Go with MQTT protocol, coordinating 50+ worker nodes with 99.9% uptime.
- Developed Vue.js interface with Vuex state management and WebSocket updates, reducing configuration time by 40%.
- Engineered intelligent scheduling system with dynamic capability matching, improving task distribution efficiency by 35%.
- Implemented cross-platform path translation for Windows/Linux/macOS ensuring seamless heterogeneous deployment.

Projects

FinBash - Financial Analytics Platform
Full-Stack Developer   Nov 2024 – Feb 2025

- Engineered Rust-based financial calculation engine achieving 40% performance improvement with guaranteed memory safety through ownership system.
- Built concurrent CSV pipeline processing 500+ records/second using async Tokio runtime with compile-time race condition prevention.
- Developed async RESTful API with ¡100ms response times for real-time portfolio tracking and multi-user session management.
- Integrated React/TypeScript frontend with type-safe Rust backend implementing 7 modular financial services with 85%+ test coverage.

MSKJ CRM - AI-Powered Customer Platform
Full-Stack Developer   May 2024 – Present

- Built enterprise CRM using React/Node.js/MongoDB with intelligent segmentation, campaign management, and real-time analytics.
- Integrated dual AI providers (OpenAI + Gemini) for automated content generation, reducing campaign creation time by 60%.
- Architected secure authentication with Google OAuth 2.0, JWT tokens, RBAC, and CORS-enabled microservices architecture.
- Engineered drag-and-drop segment builder with complex Boolean logic across 15+ attributes and real-time preview.
- Deployed on Render with Docker, automated CI/CD, achieving 99% uptime at production.

Technical Strengths

API & Integration: Designed RESTful APIs, WebSocket communication, OAuth integration, third-party service integration, comprehensive API documentation.

Database: SQL Server operations, MongoDB aggregations, complex queries, indexing, schema design for high-transaction systems.

Quality: Code reviews, automated testing (Jest, Rust), integration testing, CI/CD pipelines, production monitoring.