Luxmikant
Full Stack Developer

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Luxmikant

- **Software Development** Engineer with strong experience in designing, developing, and deploying scalable applications across the full technology stack.
- Proficient in modern frameworks and tools, with a solid foundation in algorithms, data structures, and system design.

Education

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

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Management Systems, Computer Networks, Object-Oriented Programming, Software Engineering, Computer Architecture

Leadership

- ★ Technical Lead, College Project Team
- ★ Organized technical workshops
- ★ Team Leader, Karnataka Police Datathon
- ★ Research Team Lead, Project Expo

Achievements

- 🏆 Achieved "Specialist" rank on Codeforces with a peak rating of 1496 (profile)
- 🏆 Early detection of alzheimer diease using ai research paper publish in springer
- 🏆 Solved 500+ problems on LeetCode
- 🏆 Under Top 10 teams in Hack2Byte 3.0 hackathon

Certifications

1. Introduction to Rust Training Ferrous Systems
2. Applied Machine Learning in Python, University of Michigan
3. Data Structures and OOP with C++: CS104, CS105 Masterclass

Skills

Frontend: React, JavaScript, HTML/CSS, Tailwind CSS, Material-UI, Redux

Backend: C++ (STL, Boost, Templates), Python (FastAPI/Django), Node.js (Express/NestJS), RESTful APIs, gRPC, SQL/NoSQL Databases (PostgreSQL, MongoDB), Caching (Redis), Message Queues (Kafka/RabbitMQ), Rate Limiting, Authentication & Authorization (JWT, OAuth2), Microservices, System Design, CI/CD

DevOps & Infra: Docker, Kubernetes, Linux, Nginx, Monitoring & Logging (Prometheus), Git/GitHub

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

Experience

Open Source Contribution: Flamenco Web Configuration Manager
Core Contributor   Jan 2025 - May 2025

- Developed responsive Vue.js configuration interface with Vuex state management, integrating RESTful APIs and WebSocket connections to communicate with Go backend, reducing configuration time by 40%.
- Implemented MQTT-based communication layer using MQTT.js client and Go broker integration, enabling real-time bi-directional messaging between manager and 50+ distributed worker nodes with 99.9% uptime.
- Engineered dynamic task distribution system using Go's concurrent processor pools and worker capability matching, achieving 35% improved parallel rendering task allocation efficiency.
- Designed cron-based worker scheduling system in Go with configurable sleep/wake cycles and timezone awareness, optimizing resource utilization across global render farm deployments by 25%.
- Created cross-platform path translation layer handling Windows/Linux/macOS file systems through unified variable substitution, ensuring seamless deployment across heterogeneous environments.

Projects

MSKJ CRM Platform
Full-Stack Developer   May2024 – Present

- Engineered AI-powered CRM using React/Vite, Express/Node.js, and MongoDB with intelligent customer segmentation, campaign management, and OpenAI/Gemini integration for automated content generation.
- Built visual segment builder with drag-and-drop interface supporting complex rule-based filtering across 15+ customer attributes, reducing segment creation time by 70%.
- Implemented secure Google OAuth authentication, JWT token management, and RESTful API architecture with CORS configuration for distributed microservices deployment.
- Deployed containerized application on Render with automated CI/CD, achieving 99% uptime and serving production traffic at frontend-crm-u9i2.onrender.com.

Ryzl – AI-Powered Code Review Platform   Backend & Frontend Engineer
Oct 2025–Present

- Built an end-to-end, AI-assisted code review platform with a FastAPI backend and a custom React/Vite frontend, enabling developers to trigger automated reviews on GitHub pull requests and manual diffs.
- Designed and implemented a multi-agent review pipeline orchestrating LLM-based analyzers, producing structured comments with file/line context, severity, and remediation guidance for maintainability, security, testing, and observability issues.
- Integrated tightly with GitHub via webhooks and the REST API to fetch pull request diffs and post inline review comments, supporting continuous feedback directly in the PR UI.
- Implemented Redis-backed background workers and a robust review queue, allowing asynchronous processing of large diffs while exposing real-time review status and rich summaries via REST endpoints.
- Developed a unique, Figma-driven React UI (no default AI chat patterns) featuring dashboards for review jobs, detailed result views, GitHub/LLM configuration panels, and observability screens powered by Prometheus metrics.