

# UTTAM GUPTA

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## PROFESSIONAL SUMMARY

Full Stack Developer specializing in React, Next.js, Node.js, microservices, and event-driven systems. Proven in architecting secure, scalable multi-tenant ERP platforms, optimizing performance under high load, and leading small teams to deliver high-quality, automated solutions faster.

## TECHNICAL SKILLS

**Languages:** Rust, JavaScript, ES6+, TypeScript, C#

**Frontend:** Next.js, React.js, Material UI, Redux-Toolkit, Hooks, Memoization, Tailwind CSS

**Backend:** System Design, Systems Programming, Microservices (RabbitMQ), Nest.js, ExpressJS, Redis, TypeORM, MongoDB, PostgreSQL

**Tools:** Git, GitLab, CI/CD, SonarQube, FFmpeg, Docker, Miro, Figma

**Coursework:** Computer Networks, NoSQL Databases, Data Structures & Algorithms

## EXPERIENCE

### Full Stack Developer Zenmonk Software And Services (FUNIBER), Mohali

June 2023 - Present

- Engineered runtime-configurable RBAC with secure SSO and strict tenant isolation for multi-tenant ERP using ReactJS, Next.js & Node.js.
- Migrated monolith to RabbitMQ-powered microservices, Docker/Kubernetes, and GitLab CI/CD for reliable automated deployments.
- Re-architected Event-Driven Architecture (EDA) with Resilient Message Handling (RMHA) for improved fault tolerance and high-throughput scaling.
- Cut database write load 30% via API refactoring, ERD denormalization, and optimized data grouping.
- Solved high-volume document generation bottlenecks (10k+ records) with chunked processing and encrypted pipelines for speed & security.
- Led team of 4, raised velocity and quality through strict reviews and Higher-Order Components to reduce frontend duplication.
- Conducted technical interviews to hire and build high-performing developers.

## KEY PROJECTS & ACHIEVEMENTS

- CodeMind:** Offline AI coding assistant offering semantic search and chat with your codebase using local LLMs. Built with Tauri and Next.js.
- Local Lens:** Privacy-first AI photo organizer built with Rust, egui, and ONNX Runtime. Features ResNet50 object detection and OCR. Runs 100% offline.
- Load Balancer (Rust):** High-performance modular load balancer supporting Round Robin, Weighted Round Robin, and IP Hash algorithms.
- Redis Lite (Rust):** Lightweight, multi-threaded implementation of the Redis protocol (TCP/IP) handling concurrent key-value operations.
- Axon:** Chrome extension acting as a vision layer for the web using GPT-4o Vision. Enables visual Q&A and summarizing.
- Ask AI Web:** Modern chat interface for LLMs and Custom GPTs with streaming response support and history management.

## EDUCATION

### B.Tech (Computer Science & Engineering)

Lovely Professional University, Phagwara

7.86/10

### 12th Standard

Holy Angels Sr. Sec. School, Gaziabad

92%