UTTAM GUPTA

✉ uttamgupta2712@gmail.com 📞 +91 9773706266 📍 Delhi, India in LinkedIn

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

- **Local Lens:** Privacy-first AI photo organizer using ResNet50 for object detection and OCR for text extraction. 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%