

AJAY UPADHYAY

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ORIENTAL UNIVERSITY, INDORE

B.Tech in Computer Science and Engineering | 23-Present
CGPA - 8.0
[Github](#) | [LinkedIn](#) | [Portfolio](#) | [X/Twitter](#)

Technical Skills

Languages: C++ (DSA), TypeScript/JavaScript, Python, Golang, Rust
Frameworks: Vite, Next.js, Express, Honojs, Turborepo
DevOps: Kubernetes, Docker, CI/CD, AWS, Cloudflare
Databases: MongoDB, PostgreSQL, Redis
Advanced Technologies: WebSockets, WebRTC, gRPC, tRPC, Microservices

Experience

Aug 2024 - Nov 2024

Kleiba Pvt.Ltd, Remote- Backend Engineer Intern

- Engineered scalable backend microservices with advanced architectural patterns
- Implemented robust authentication and security mechanisms
- Optimized database performance and developed efficient data models

FLAGSHIP PROJECTS

Distributed Real-Time Communication Platform

- Full-stack WebRTC & WebSocket-based communication system
- Technologies: Node.js, React, Kubernetes, WebRTC
- Implemented peer-to-peer video conferencing with secure communication

Financial Transaction Microservices

- Comprehensive financial platform with microservices architecture
- Technologies: TypeScript, Node.js, React, Kubernetes, AWS
- Features: Scalable payment gateway, real-time fraud detection, secure authentication

Advanced System Monitoring Dashboard

- Developed comprehensive observability solution
- Technologies: Prometheus, Grafana, Docker, Kubernetes
- Implemented real-time performance metrics and automated alerting

CORE COMPETENCIES

• Full-Stack Development	• DevOps Engineering
• Continuous Integration/Deployment	• Microservices Architecture
• Performance Optimization	• Distributed Systems Design

CERTIFICATIONS

- Meta Frontend & Backend Developer Professional Certificate
- 0-100 Full Stack Developer Comprehensive Program
- Advanced DevOps and Cloud Computing Specialization