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/C++ (DSA), TypeScript, Python, Golang

Frameworks: Vite, Next.js, Express, Honojs, Turborepo

DevOps: Kubernetes, Docker, CI/CD, AWS, Cloudflare

Databases: MongoDB, PostgreSQL, Redis

Experience

Jun 2025 - Ongoing

Cabswale Pvt.Ltd. Onsite – Backend Engineer Intern

- Worked extensively on Firebase services like functions, buckets, DB
- Integrated Monitoring and tracking along with Messaging and notifications.
- Worked with many third-party services like Mixpanel, Interakt, Slack webhooks. Typesense.

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

Redis clone and Distributed pub–Sub

- In–Memory DB and pub–sub features
- Technologies: Golang
- Implemented Redis like commands with RESP protocol and added pub–sub feature

Arithmetic Interpreter

- Implemented Lexer, parser and Evaluator for any complex Operations
- Technologies: C Programming Language
- Features: Interprets any complex Arithmetic Operations and executes it.

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 Software Developer Comprehensive Program (100xDevs)