

Abhishek Thakur

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📍 India

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■ ABOUT ME

Backend Developer — Go, Docker, AWS — building distributed systems and REST APIs with focus on concurrency and DevOps automation.

■ EXPERIENCE

Backend Developer & Systems Engineer 🔗

Sep 2025 - Present

Personal Project (Collaborative) • Remote

- Built distributed VCS in Go with peer developer through code reviews and pair programming across 50+ commits
- Implemented concurrent diff engine using goroutines processing 1000+ files in 200ms vs 600ms sequential baseline
- Designed SHA-256 content-addressable storage reducing duplicate object storage from 2.5GB to 1.5GB in test repos
- Developed Cobra CLI with 15 commands, tab completion, and structured error messages achieving 95% command success rate

■ PROJECTS

SecureShop - E-commerce Application 🔗

July 2025 - October 2025

Full-stack e-commerce platform with role-based authentication, product catalog, and shopping cart functionality built with Go backend and React frontend.

Tech: Go, React, REST APIs, JavaScript, HTML/CSS

- Built 8 REST API endpoints in Go handling auth, products, and cart with avg 50ms response time
- Developed React frontend with 12 components managing state for 100+ product catalog
- Implemented JWT-based role access for buyer/seller workflows supporting 2 user types
- Structured modular codebase with 80% test coverage enabling PostgreSQL and Docker migration in v2

■ SKILLS

Golang (Go), Java, REST APIs, Microservices, System Design, Concurrency, AWS (EC2, S3), Docker, Kubernetes (EKS), Jenkins, ArgoCD, GitHub Actions, CI/CD, Prometheus, Grafana, HashiCorp Vault, Git, Linux, PostgreSQL, MySQL, Agile

■ EDUCATION

Master of Technology (Integrated) in Software Engineering

2022 - 2027

Vellore Institute of Technology, Andhra Pradesh, Amravati, Andhra Pradesh • CGPA: 8.5

Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Distributed Systems, Cloud Computing, Software Engineering