

Fakhruddin Hashmi

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📍 Delhi



Summary

Backend Developer with 4 years of experience in building scalable systems and distributed architectures. Expertise in Go microservices and systems programming, with production experience handling 1M+ daily requests. Proven track record in e-commerce solutions and security-focused development.

Professional Experience

SDE II — Innovative Cursor

May 2025—Present

- **E-Pharma Platform:**

- Collaborated with cross-functional team to design backend models from scratch
- Integrated OAuth 2.0 for secure admin authentication
- Developed RESTful handlers for cart, order, and medicine modules
- Wrote and maintained unit and integration tests for all CRUD operations
- Delivered API documentation and supported frontend integration

Tech: Go, Gin, PostgreSQL, GORM, JWT, OAuth 2.0

Backend Developer (Freelance)

Jul 2023—Apr 2025

- **Simple Shop Owner Platform:**

- Built full-stack e-commerce solution handling 2M+ monthly transactions
- Developed REST APIs for order processing and inventory management
- Integrated Razorpay payment gateway with webhook verification

- **Document Management System:**

- Implemented real-time collaboration using WebSockets
- Designed version control system with diff tracking
- Created RBAC system with 5 permission tiers

Tech: Go, Gin, PostgreSQL, Redis, AWS

Systems Developer — CDAC Bangalore

Jun 2021—Jun 2023

- **Network Security Development:**

- Developed C-based firewall handling 50k+ concurrent connections
- Built protocol analyzers for HTTP/2 and TLS 1.3
- Reduced false positives by 35% through pattern optimization

- **Performance Engineering:**

- Achieved 5Gbps throughput using eBPF packet processing
- Implemented kernel bypass techniques for low-latency inspection

Tech: C, Linux, eBPF, DPI

Key Projects

Simple Shop E-Commerce Platform

Go, Gin, Redis

- Developed product catalog service handling 500+ daily orders
- Reduced checkout latency by 45% through Redis caching
- Containerized services using Docker with CI/CD pipelines
- Implemented inventory management with real-time updates

Secure Document Collaboration System

Go, WebSockets, JWT

- Built real-time editing with operational transformation
- Implemented document versioning and audit trails
- Achieved 99.9% uptime through load balancing
- [GitHub Repo](#)

Enterprise Firewall System

C, eBPF, DPI

- Handled 5Gbps network traffic with <1% packet loss
- Developed deep packet inspection module
- Implemented ML-based anomaly detection

Technical Skills

Languages: Go, C, Python, SQL
Frameworks: Gin, FastAPI, GORM, Echo
Databases: PostgreSQL, Redis, MongoDB
Cloud: AWS, Docker, Kubernetes, Terraform
Messaging: RabbitMQ, WebSockets
Security: JWT, RBAC, TLS, OpenSSL

Education

B.E. Electronics & Communication

2018

Visvesvaraya Technological University, Belgaum