

Firoj Siddiquie

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Summary

Backend & Systems Engineer specializing in distributed systems, cloud-native architectures. Experienced in building high-performance services using Go, and Kubernetes, including microservices, CI/CD pipelines, and ML-based security systems. Strong expertise in Linux, networking, and performance optimization.

Technical Skills

Languages: Go, Kotlin, TypeScript, Java, Python, C, C++

Backend: REST APIs, Microservices, gRPC, WebSockets

DevOps: Kubernetes, Docker, Kafka, CI/CD, Helm

Systems: Linux, Networking, Shell Scripting

Security: AES, HMAC-SHA256, Ed25519, Threat Detection

Tools: Git, Wireshark, Burp Suite, Metasploit, Nmap

Projects

KubeDeploy (DevOps Automation) 2025

- Developed Kubernetes deployment pipeline with zero-downtime rollout
- Implemented canary and blue-green deployment strategies
- Designed gRPC-based health monitoring system for container orchestration

Legit (Zero-Knowledge Authentication) 2025

- Designed identity verification system using Ed25519 cryptography
- Implemented zero-knowledge proof-based authentication without storing credentials

CTF Platform (Cybersecurity) 2024

- Developed a containerized CTF platform with isolated Docker environments
- Built automated scoring backend using Go

Experience

Freelance Software Developer 2025 – Present

- Delivered backend and full-stack applications using Go, Rust, and React
- Designed scalable APIs and deployed services using Docker-based infrastructure
- Collaborated with clients to design production-ready systems

Education

Bachelor of Computer Applications 2024 – 2027

Panipat Institute of Engineering and Technology

Achievements

- Smart India Hackthon – BlocSaviour DDoS Protection System
- India Innovates 2026 – Cybersecurity Domain Finalist
- Graphathon 2025 – Zero-Knowledge Identity System