

# Ronit Gandhi

[linkedIn/in/ronitgandhi08](https://www.linkedin.com/in/ronitgandhi08) | [ronitgandhi96@gmail.com](mailto:ronitgandhi96@gmail.com) | <https://ronitgandhi.xyz>

AWS Certified M.Tech Cybersecurity student with 1.7 years of experience in systems administration and secure software development at Eleics Design. Proven expertise in cloud security, DevSecOps, and offensive security, demonstrated as a Red Teamer in national cyber-exercises (Bharat NCX 2025, NCIIPC SECEX 2025) and a core team member for Google Cloud Gandhinagar. I have delivered 5+ technical workshops on cloud security and AI to diverse audiences, including 900+ attendees at Gujarat University, GLS University, and various community events.

## Education

- **Rashtriya Raksha University, Gandhinagar:** *M.tech, Cybersecurity:* 2024-2026
- **Government Engineering College Sector-28, Gandhinagar:** *B.tech, Instrumentation And Control:* 2019-2023

## Work Experience

- **Eleics Design Pvt Ltd, Gandhinagar:** *Software Engineer & Sys-Admin:* Feb 2023-Aug 2024

Managed Linux server configurations, performed server hardening, and automated sysadmin tasks with Python to improve system security and reliability. Built and maintained cross-platform applications using Flutter and Angular, while contributing to back-end logic and front-end integration. Designed end-to-end solution architectures, aligning technical infrastructure with application needs for scalable and maintainable deployments.

## Projects

- **AI Agentic Framework for Advanced NLP Threat Hunting in Network PCAP files & Logfiles**

Developed and expanded an AI-powered analysis tool that simplifies complex data interpretation across various formats using natural language processing. The tool features a user-friendly Nextjs interface and a Python back-end with specialized functions to analyze uploaded PCAP files as well as log files (including firewall, system, and ELK stack) based on user prompts. Key capabilities include AI-driven function selection, automated generation of optimized analysis commands via a feedback loop, and the presentation of findings in human-readable markdown, making advanced network and log analysis accessible to users with varying technical or non-technical expertise.

*Tech Stack: Python, Nextjs, Shadcn/Ui, Gemini-AI SDK, AWS*

- **A Docker-Based Agentless Automated Multi-host CIS Benchmark Audit System**

Developed an automated CIS benchmarking tool for Ubuntu/Debian systems using a secure, microservices architecture. The tool accepts system credentials via a Nextjs front-end (supporting single, multiple, or XLSX/CSV inputs) and executes remote checks based on NIST CIS rules using a Python backend. To ensure security, SSH operations run within ephemeral Docker-in-Docker containers that are instantly pruned post-execution. Results are presented in a user-friendly interface built with Tailwind CSS, clearly indicating compliance status (green/red) and providing actionable mitigation steps to achieve perfect scores.

*Tech Stack: Python, Nextjs, TailwindCSS, Docker, Linux Networking*

- **High-Throughput Message Queue Service**

Developed a custom, high-performance message queue service in Go, aiming for significantly faster performance than traditional systems like Kafka. This service uses a standard producer-consumer model and employs gRPC streaming for efficient, low-latency message delivery. Built using a microservices architecture and deployed with Docker containers, the system achieved outstanding throughput, consistently handling 800K to 1M messages per second on average, with peaks reaching 1.4 million messages/s. Integrated Prometheus for real-time monitoring of these performance metrics.

*Tech Stack: Go, RPC, gRPC Networking, Docker, Prometheus, Grafana, Redis, GCP*

## Skills

**Tech Skills:** CSP(AWS, GCP), Python, Go, ReactJS, Typescript, System Administrator, API Design.

**Security:** Cloud security, VAPT, Network security, Linux system Hardening, Red-teaming, Windows AD.

**DevSecOps & Tools:** Kubernetes, Docker, Terraform, Ansible, CI/CD, Serverless Computing, ELK, Istio, Prometheus, Grafana, Jenkins, Github Actions, ArgoCD, Trivy, KubeArmor