

Param Kalaria

Aspiring Cyber Security professional targeting a challenging role to apply expertise in **ethical hacking, digital forensics, cloud and network security**, and contribute to building **robust and secure IT systems**.

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PROFILE SUMMARY

- Strong foundation in **ethical hacking, SOC operations, digital forensics**, and **vulnerability assessment**, with hands-on experience in **Python-based security tools** and **automation**.
- Skilled in **AWS** and **Azure** cloud platforms, **network monitoring, IP/DNS management**, and deploying secure **cross-platform applications** using **Docker** and **Linux environments**.
- Proven ability to develop and deploy **CLI** and **web-based security projects**, perform **threat analysis**, and implement **security measures** to mitigate risks in real-world scenarios.

TECHNICAL SKILLS

Operating Systems	Windows, Windows Server, Linux, Kali Linux, Parrot Security Linux
Programming Languages	Python, C#, HTML, CSS
Cloud & Virtualization	AWS, Azure, Docker
Networking & Tools	SIEM Tools, Network Monitoring, IP/DNS Management
IDEs & Development Tools	Visual Studio, VS Code, JetBrains Tools
Deployment & Web Frameworks	Flask, Gunicorn, Containerization, Cross-Platform Deployment
Specialized Skills	System Design, Security Auditing, Reverse Engineering, Memory Hacking, Software Protection

CERTIFICATIONS

- AI Security: Risks, Defences and Safety** – Macquarie University
- Google AI Essentials** – Google
- Hackers Exposed Certificate (Volume 1)** – StationX
- Network Security Certificate (Volume 2)** – StationX
- Cyber Threat Intelligence and Digital Forensics** – Gujarat Technological University
- Reverse Engineering, Memory Hacking and Software Protection** – EC-Council
- Introduction to Cyber Security** – TryHackMe
- Pre Security** – TryHackMe
- Cyber Security 101** – TryHackMe

ACADEMIC PROJECTS

- Project Name:** Network Tool | **Tech Stack:** Python, Scapy
Overview: Checks network statistics including ARP, port scans, IP info, and host discovery.
- Project Name:** Stream Manager | **Tech Stack:** Python, Flask, Linux (Ubuntu/Debian), Docker, Gunicorn
Overview: Manages multiple video streams using Docker; allows seamless switching between sources.
- Project Name:** Vault | **Tech Stack:** Python, Flask, Linux (Ubuntu/Debian), Docker, Gunicorn
Overview: Encrypts and decrypts user files with key-based access and downloads them as a zip.
- Project Name:** IP-Info-Finder | **Tech Stack:** Python
Overview: CLI tool to locate detailed IP address information.
- Project Name:** Spinger | **Tech Stack:** Python
Overview: Checks DNS and server IP reliability; allows pinging multiple IPs.
- Project Name:** DDNS | **Tech Stack:** Python
Overview: Automates Cloudflare subdomain and nameserver management; updates IP addresses via AP

CORE COMPETENCIES

Ethical Hacking & Penetration Testing
Security Operations & SOC Monitoring
Digital Forensics & Incident Response
Vulnerability Assessment & Risk Analysis
Cloud Security (AWS & Azure)
Network Security & IP/DNS Management
Python Programming & Automation Scripting
Web & CLI Application Deployment
Security Auditing & Compliance

EDUCATION

- M.E. in Cyber Security** | Gujarat Technological University | Aug 2023 – May 2025 | CGPA: 8.38/10.0
- B.Tech in Computer Engineering** | Atmiya University, Rajkot, Gujarat | Sep 2020 – May 2023 | CGPA: 7.31/10.0
- Diploma in Computer Engineering** | Gujarat Technological University | Aug 2017 – May 2020 | CGPA: 7.72/10.0
- 10th Class** | Podar International School | Apr 2016 – Mar 2017 | CGPA: 6.6/10.0

SOFT SKILLS

Collaborator	<div></div>
Communicator	<div></div>
Innovative	<div></div>
Analytical	<div></div>
Problem-Solver	<div></div>

PERSONAL DETAILS

- Languages Known:** Gujarati, English, Hindi.