

Mihir Shah

✉ info@mihirshah.net 🌐 github.com/MihirShah07

CAREER OBJECTIVE

As a B.Tech Computer Science student specializing in cybersecurity, I bring strong skills in security operations, Python programming, SIEM fundamentals, and incident response. I am seeking a challenging role in a progressive organization where I can apply my expertise in threat detection, incident management, and cybersecurity frameworks to design effective security solutions and strengthen organizational threat resilience.

SKILLS

Programming & Automation — Proficient in Python and Bash, experience in developing network-related tools, automating processes, and applying AI/ML concepts for enhanced threat detection and analysis.

SIEM Tools — Hands-on experience with Security Information and Event Management (SIEM) solutions, particularly Elasticsearch, for security monitoring, log analysis, and incident response.

Cybersecurity Knowledge — Familiar with the Cyber Kill Chain framework, threat intelligence, threat hunting, networking principles, and Intrusion Detection Systems (IDS) for effective threat prevention and response.

Operating Systems — Highly proficient in Linux, utilizing its features for various cybersecurity applications.

INTERNSHIP

Technology Support Associate

HEURISTICS PHARMA PERCEPTIONS PRIVATE LIMITED

Jun 2024 – Aug 2024

Vadodara

Developed backend infrastructure for a pre-launch landing page as part of a winning team at Heuristics Pharma Perceptions.

PROJECTS

Malware Detection and Analysis

Aug 2024 – present

This project develops a malware detection tool for SOC analysts and researchers, combining signature-based detection, Yara rules, heuristic analysis, and CNN classification. This multi-layered approach improves detection accuracy, reduces false positives, and helps identify both known and emerging threats, strengthening cybersecurity defenses.

CCRP

Feb 2024 – Apr 2024

Cyber Crime Reporting Portal

Built a secure cybercrime portal for law enforcement to streamline case management & investigations.

CERTIFICATES

Google Cybersecurity [↗](#)

Completed a comprehensive program covering key cybersecurity practices, risk identification, and threat mitigation techniques. Gained hands-on experience with Security Information and Event Management (SIEM) tools, Python, Linux, and SQL to protect networks, devices, and data from cyber threats and unauthorized access.

AWS Academy Cloud Security Foundations [↗](#)

Skills Acquired include AWS, AWS Cloud, AWS Cloud Security, and Cloud Security.

EDUCATION

B.Tech in Computer Science and Engineering

Navrachana University [↗](#)

Cumulative Grade Point Average (CGPA): 8.10/10.0

Jul 2021 – present

Vadodara, India