

AASHIF M

Software Engineer | Security Analyst

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www.portfolio.com | www.github.com

EXECUTIVE SUMMARY

Computer Science student with a strong focus on cybersecurity and ethical hacking. Experienced in vulnerability assessment, penetration testing, and developing security tools. Proficient in identifying and mitigating security risks to protect digital assets. Seeking opportunities to apply skills and grow in cybersecurity roles.

AREA OF EXPERTISE

- Git / GitHub
 - Python
 - Penetration Testing
 - Burp Suite
 - Nmap
 - Dorking
 - Bash Scripting
 - Linux System Fundamentals
 - Vulnerability Assessment
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WORK EXPERIENCE

AI/ML Internship

July 2023 - August 2024

- Developed **Diabetes Prediction, Car Price Prediction, IPL Winning Team Prediction, and Cancer Prediction** and improved model accuracy by 20%, driving better outcomes in each project.
 - Executed data preprocessing on large datasets, ensuring 95% data accuracy, significantly enhancing the quality of predictions and decision-making in various domains.
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PROJECTS

Keystrokes logger

- Built a Python-based keylogger for ethical hacking demonstrations, incorporating stealth mode, keystroke logging, and automated data reporting to simulate real-world attack scenarios.
- Libraries used: pynput, smtplib, os, time, threading.

Red Inject - Web Vulnerability Scanning (github.com)

- Developed RedInject, a web security testing tool focused on simulating XSS and SQL Injection attacks for ethical hacking practice and vulnerability assessment.
 - Integrated payload injection, form auto-detection, and response analysis to identify common web application flaws.
 - Libraries used: requests, BeautifulSoup, re, urllib, colorama, argparse.
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EDUCATION

Bachelor of Technology in Computer Science

Sep 2022 - May 2026

BSA Crescent Institute of Science and Technology

- Courses: DBMS, SQL, Operating System, Distributed Computing, Artificial Intelligence, Networks Security, Cryptography, Computer Communication & Networking, Natural Language Processing.
 - Clubs: CSE Coding Club, Neural TechGinix Club, Social Awareness Club.
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ADDITIONAL INFORMATION

- **Technical Skills:** Web Development, Bug Bounty Hunting, Bash Scripting.
- **Languages:** English, Tamil
- **Certifications:** Cybersecurity Analyst Job Simulation, Cloud Computing (Core Concept), IBM Developer Skill Network.
- **Activities:** Writeups on Web vulnerabilities in [medium](https://medium.com).