



SHUHAIB AKTHAR

Software Engineer

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ABOUT ME

Committed Software Developer with 1 year of background in secure software development and cybersecurity. Knowledgeable in developing and designing stable, scalable software with an emphasis on high threat mitigation, system integrity, and data security. Proficient with Python, Java, and C++ programming languages and has experience in vulnerability scanning, penetration testing, and secure coding. Committed to working in agile teams and continuous learning in new security technologies.

EXPERIENCE

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| 2024 - 2025 | Cyber Security Engineer |
| TechByHeart | <ul style="list-style-type: none">Monitored network security systems daily, including firewalls, IDS/IPS, and SIEM tools, to promptly detect and respond to security incidents.Analyzed security logs and alerts to identify potential threats and vulnerabilities, performing triage and escalating incidents as necessary.Conducted penetration testing activities—reconnaissance, enumeration, vulnerability scanning, and exploitation—under expert supervision.Utilized tools such as Metasploit, Nmap, Burp Suite, and Wireshark to uncover and assess security weaknesses.Documented security findings and prepared comprehensive reports outlining vulnerabilities, risk assessments, and recommended remediation strategies. |

EDUCATION

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| 2023-2024 | Cyber Security Analyst |
| TechByHeart Kerala | Gained practical knowledge in threat detection, network security, and incident response. Hands-on experience with SIEM tools, IDS/IPS, and basic penetration testing techniques. |
| 2019 - 2023 | Computer Science and Engineering |
| MDIT Kozhikode Kerala | Studied core concepts of computer science including programming, data structures, algorithms, databases, and software engineering. Gained foundational knowledge in operating systems, computer networks, and cybersecurity, with hands-on experience in coding, problem-solving, and project development. |

CERTIFICATIONS

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| Ethical Hacker-By Cisco | Certified Ethical Hacker(CEH) | Certified SOC Analyst By EC-Council |
| CSI Certified linux Investigator | CISCO | NSE1-Information Security Awareness |
| NSE2-The Evolution of Cybersecurity | | |

SKILLS

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|------------------|----------------------|
| SIEM Tools | Forensic Analysis & |
| Network Security | Data loss Prevention |
| C/C++ | Risk Management & |
| Python | Malware Analysis |
| Web | Cybersecurity |

LANGUAGES

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| ENGLISH |
| MALAYALAM |
| HINDI |
| TAMIL |