PARTH SUKHIJA

Software Engineer & Cybersecurity Specialist

parth.founder@xdcybertech.in | Panchkula, Haryana, India | linkedin.com/in/parthxd3 | github.com/parthxd3
parthxd7.in

PROFESSIONAL SUMMARY

Highly analytical Software Engineer and Cybersecurity Specialist with expertise in secure software development, threat detection, and IT infrastructure. Proven leadership in directing a 6-person engineering team to deploy mission-critical, AI-driven defence applications. Proficient in full-stack development (Python, React, Kotlin) integrated with advanced computer vision models (OpenCV, YOLOv11). CompTIA Security+ certified, bringing a security-first approach to software architecture, vulnerability management, and systems administration.

TECHNICAL SKILLS

Programming & Software: Python, JavaScript, React, Node.js, C/C++, Kotlin, Android Native UI, HTML/CSS, Git
AI & Hardware Integration: OpenCV, YOLOv11, Computer Vision, IoT Systems Integration, Optical Hardware Telemetry
Cybersecurity: Secure Software Architecture, VAPT, Threat Modeling, SOC Operations, Endpoint Hardening, SIEM
Security Tools: Burp Suite, OWASP ZAP, Nessus, Nmap, Wireshark, Splunk, Wazuh, Metasploit, Kali Linux
IT Infrastructure: Windows & Linux Administration, Active Directory, LAN/WAN Setup, Firewalls, Virtualization

PROFESSIONAL EXPERIENCE

Almerio Defence & Aerospace Nov 2025 – Present
Exec. Asst. (IT, Systems & CyberSec) & Head of Software Development Panchkula, Haryana

- **Team Leadership:** Direct and mentor a cross-functional engineering team of 6 (software developers, UI/UX designers, hardware specialists) in building high-reliability tech solutions for Defence Forces.
- **Core Product Development:** Served as lead architect and main developer for 4 deployed systems: Optical Smart Target Systems, Weapon Management System (incorporating real-time smart inventory tracking), AI-Based Weapon Detection System (leveraging OpenCV and YOLOv11), and a secure Weapon Service Record Android app (Kotlin).
- **Full-Stack Execution:** Architected, reviewed, and contributed code across diverse stacks including Python, React, Node.js, C/C++, Android Native, and custom IoT hardware interfaces.
- **Information Security:** Applied CompTIA Security+ frameworks to implement secure IT practices, enterprise-grade data protection, and stringent network access controls across internal company infrastructure.

Infotact Solutions Aug 2025 – Oct 2025
Security Admin Associate L1 Remote

- Conducted active vulnerability scanning and patch testing across web applications and server configurations using OWASP ZAP and Burp Suite.
- Assisted in threat modeling, compliance audits, and drafted endpoint hardening procedures to strengthen the organizational security posture.
- Monitored system logs and network traffic to isolate potential security threats and ensure optimal system performance.

Redynox Jul 2025 – Aug 2025
Security Intern Remote

- Performed Vulnerability Assessment and Penetration Testing (VAPT) on internal web and network layers utilizing Nessus and Nmap.
- Documented discovered vulnerabilities, generated risk-prioritized reports, and validated remediation patches.

A2IT InternEdge Dec 2024 – Jun 2025

Cyber Security Intern Mohali, India

- Executed 30+ vulnerability assessments with comprehensive risk prioritization and mitigation strategies.
- Deployed Splunk and Wazuh SIEM solutions for centralized event correlation, log analysis, and SOC alert triage.

CERTIFICATIONS

- AWS Certified Developer - Associate
- Google Associate Android Developer
- PCAP - Certified Associate in Python Programming
- CompTIA Security+
- EC-Council Certified Ethical Hacker (CEH v13) - AI Practical
- Google Cybersecurity Professional Certificate
- LetsDefend SOC Analyst L1

EDUCATION

MBA in Cybersecurity Expected Jun 2027

Chitkara University, Punjab

Bachelor of Computer Applications (BCA), Computer Engineering Graduated Aug 2025

Chitkara University, Punjab (Grade: 8.63 CGPA)

Vice President, Computer Society of India (CSI) Chapter (2024-2025)