

# S. Razikur Rahman

Electronics & Communication Engineer | Cybersecurity Enthusiast | Jr.Pentester

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| GitHub: [github.com/rrazik487](https://github.com/rrazik487)

## Professional Summary

Passionate about cybersecurity with hands-on experience in threat detection, log analysis, and penetration testing. knowledgeable about secure SDLC procedures, adept with SIEM tools like Wazuh, and proficient in Python. enthusiastic about using automation, collaborative development, and research-driven thinking to support Airbus' security goals and protect digital infrastructures.

## Core Competencies

- Cybersecurity Domains: Threat Detection, SIEM Monitoring, Incident Response, Log Analysis, Penetration Testing, Vulnerability Assessment, Digital Forensics, Threat Modeling
- Tools & Frameworks: Wazuh SIEM, Splunk (basic), Wireshark, Nmap, Ghidra, Metasploit, Burp Suite, OWASP ZAP
- Languages & Scripting: Python, Bash, PowerShell (basic), C, Verilog, HTML/CSS/JS
- Frameworks & Standards: MITRE ATT&CK (familiar), ISO 27001 (familiar), NIST 800-53 (familiar)
- Operating Systems & Platforms: Windows, Linux, Unix, Kali Linux, macOS, iOS (basic exposure)
- ML & Data Frameworks: TensorFlow, OpenCV, NumPy
- Communication: Technical Documentation, Security Reporting, Report Writing, Team Collaboration
- Threat Intelligence: Familiarity with threat modeling and security automation practices

## Certifications

- Cybersecurity Analyst Simulation – Tata Consultancy Services (Feb 2024)
- Ethical Hacking Series (Foot printing, Web App Hacking) – LinkedIn (Jan 2024)
- Foundations of Cybersecurity – Google (Jan 2024)
- Cyber Security & Applied Ethical Hacking – Infosys (Dec 2023)
- VLSI SoC Design using Verilog HDL – Maven Silicon (Sep 2024)

## Education

Bachelor of Technology (B.Tech), Electronics & Communication Engineering , Jain (Deemed-to-be University), Bengaluru  
Aug 2023 – Sep 2027

## Experience

### Evalanche Club – Technical Committee Head

Aug 2024 – Present

- Built and led security-focused projects in penetration testing and digital forensics.
- Led ethical hacking workshops and mentored 100+ students on cyber threats and mitigation.

### The Red Users – Cybersecurity Intern

Jan 2025 – Feb 2025

- Performed black-box penetration testing and assisted in vulnerability assessments.
- Documented XSS, SQL injection findings and provided risk mitigation strategies.

### Edunet Foundation – Cyber Security Intern

Jan 2025 – Feb 2025 · Remote

- Conducted penetration testing and ethical hacking assessments as part of AICTE virtual internship.
- Practiced secure coding and vulnerability detection techniques in lab simulations.
- Strengthened foundational knowledge in network security and exploit mitigation.

### Jain (Deemed-to-be University) – Student

Aug 2023 – Present

- Specializing in electronics, communication systems, and cybersecurity.
- Built real-world embedded security solutions as coursework projects.
- Set up and configured Wazuh SIEM dashboard to monitor device activity and analyze logs.

## Projects & Research

- Penetration Testing on IoT Devices – Performed assessments on embedded networks.
- Wazuh SIEM Dashboard – Configured and maintained Wazuh for log analysis and threat detection.
- Reverse Engineering & Exploit Dev – Used Ghidra to analyze software, found RCE vulnerabilities.
- NavIC Sentinel – Built a secure NavIC GPS tracking system with alert-based features.
- Smart Yoga Mat with AI & IoT – Real-time posture correction using Raspberry Pi, ESP32, ML models.
- Yoga Pose Detection Model – Trained EfficientNetB3 to classify 107+ yoga postures.
- Smart Parking System – Built a PIC18F452-based embedded system for vehicle detection.
- Detected and mitigated 5+ vulnerabilities in real-world web apps.
- CTF Challenges – Top 10 placement in Nexus & Hack The Boo 2024 competitions.