Kalyan Gopalam

Bug Bounty Hunter & Security Researcher

kalyangopalam@gmail.com | +91–6281531298 | LinkedIn | GitHub | Indian

EDUCATION

BCA, Computer Science, and Applications,   Sep 2021 – Aug 2024 | Bengaluru, India
REVA University   *GPA: 8.41*

Relevant Courses: Ethical Hacking, Problem-Solving using C, Java Programming, Python Programming, Digital Logic and Computer Architecture, Data Structures using C, Object-Oriented Programming using C++, Operating Systems with Linux, Web Technology, Advanced Web Technologies, Cybersecurity.

EXPERIENCE

Bug Bounty Hunter, *Hackerone*   *Aug 2023 – present*

- Actively engaged in identifying and reporting security vulnerabilities in **web applications**, **APIs**, and software platforms, discovering critical issues like **IDOR** and **XSS** on high-profile systems.
- Utilized tools such as **Burp Suite**, **OWASP ZAP**, and **Nmap** for penetration testing and vulnerability assessments, contributing to improved security.

Java Full Stack Developer (Internship), *Sonata, REVA University*   *Jan 2024 – Apr 2024*

- Developed a **Customer Management System** using **Java** and **MySQL**, improving data handling and operational efficiency, and earned a **certificate of excellence** for performance.
- Gained hands-on experience in **full stack development** using Eclipse, with a focus on **frontend** and **backend** technologies, recognized through an internship completion **certificate**.

RESEARCH PAPERS

Bounty Hawk: Automated Reconnaissance and Vulnerability Discovery Framework
Available on GitHub   *July 2024*

- This paper outlines the development of **Bounty Hawk**, a comprehensive tool for **automated security scanning** and **vulnerability assessment** of web applications.
- Discusses the integration of tools such as **Nuclei** for detecting various security issues, including misconfigurations and known vulnerabilities.

CERTIFICATIONS

- Cybersecurity Job Simulation
- CEH (Certified Ethical Hacker)
- Cybersecurity Professional
- • CTF Marathon
- • Information Technology Specialist

SKILLS

Technical Skills: *Full Stack Development (MERN Stack, React JS, Node.js, Next.js, MongoDB, Express.js), Rust, Django, Flask; Proficient in Python, C, C++, Java, Solidity, Bash, JavaScript, TypeScript.*

Cybersecurity: *Web app security, network testing, vulnerability research, automated reconnaissance tools, Burp Suite, OWASP ZAP, Metasploit, Nuclei, Nessus, sqlmap, Wireshark, Nmap, SET.*

Operating Systems: *Windows, Linux (Ubuntu, Kali, CentOS, Parrot, Arch), macOS, Shell* *scripting, System Administration, Virtualization (VMware, VirtualBox).*

DECLARATION

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge. I understand that any false statement may result in disqualification from employment or termination if already employed.

Kalyan Gopalam