RAMESH GIRI

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Objective

Highly motivated and detail-oriented cybersecurity enthusiast with a strong foundation in Computer Science and Engineering. Proficient in programming languages like Python, with experience in operating systems including Windows and Linux. Skilled in using tools such as Burp Suite, Nmap, Metasploit, and Nessus. Completed internships and projects in cybersecurity, digital forensics, and AI-driven systems, showcasing ability to work on complex challenges. Holding certifications in Cybersecurity Fundamentals (IBM) and NSE3 (Fortinet), with a strong commitment to leveraging technology for enhancing security and solving real-world problems

Education

- **Dhanalakshmi Srinivasan College of Engineering and Technology**   **Chennai, India**
  Bachelors of Engineering: - Computer Science and Engineering   Sep 2020-June2024
- **S R B H School East Champaran**   **Motihari, India**
  Intermediate of Science (PCM)   Apr 2018-Mar2020

Technical Skills

- **Programing Languages:** Python
- **Operating Systems**: Window, Linux
- **Networking**: OSI Model, Subnetting, Routing Protocol,
- **Cryptography**: AES, RSA, Diffie-Hellman key Exchange
- **Language:** English, Hindi
- **Tools:** Burp Suite, Nmap, Metasploit, John the Ripper, Nessus, Hydra

Experience:

Cyber Security and Digital Forensics   **Nov 23 - Mar 24**

- During my cybersecurity internship, I developed foundational knowledge in Windows and Linux systems, network fundamentals, and Metasploit for penetration testing. I conducted passive reconnaissance, identified and mitigated access control vulnerabilities, and addressed OS command injection and SQL injection issues. I also tackled Cross-Site Request Forgery (CSRF) vulnerabilities, performed security testing on Android applications, and explored techniques for Windows privilege escalation. This hands-on experience solidified my understanding of cybersecurity principles and enhanced my ability to safeguard digital environments.

Projects

Automated Restaurant Feedback System Using Facial Expression Analysis

- Designed and implemented an AI-driven system to automate customer feedback in restaurants, utilizing facial expression analysis to gauge satisfaction
- Employed computer vision techniques to capture and interpret real-time customer emotions, providing valuable insights into service quality and customer experience
- Enabled data-driven decisions by delivering automated feedback analysis, resulting in Enhanced service standards Improved customer satisfaction

Financial Fraud Detection using AI: Git

- The Financial Fraud Detection using AI project was a rewarding experience that deepened my understanding of machine learning applications in real-world scenarios. It highlighted the importance of accurate fraud detection in financial systems and reinforced my commitment to leveraging AI for solving complex challenges in various industries

ACHIEVEMENTS & CERTIFICATES

Cybersecurity Fundamentals (IBM)

- The Cybersecurity Fundamentals IBM course is an introductory course that covers the basics of cybersecurity, including fundamental concepts, threats, and preventive measures

NSE3 (Fortinet)

- The NSE3 Fortinet course is an associate-level certification program that covers the fundamentals of Fortinet's core products, including the FortiGate firewall, FortiMail, and FortiSandbox. The course is designed to provide students with a comprehensive understanding of network security and threat detection, as well as hands-on experience with Fortinet's products