B.KADERAVAN

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OBJECTIVE

Computer Science Engineering student with a strong foundation in software development and cybersecurity. Eager to apply my skills in Python, and full-stack development to contribute to cutting-edge financial technologies, while gaining hands-on experience in a dynamic and challenging environment.

SKILLS

Technical Skills

- **Programming Languages:** Python, HTML, CSS, JavaScript
- **Cybersecurity Tools:** Metasploit, Burp Suite, Wireshark, Network Protocol Analyzer, Security Audits
- **Security & Network:** Intermediate understanding of Network Security, Operating Systems, Penetration Testing, SOC Operations
- **Certifications:** Google Cybersecurity Professional Certificate, AI For India 2.0, Ethical Hacking in NPTEL, IT Specialist - Python, GenAI Rush Cohort 2023, Cybersecurity Virtual Internship (AICTE)

Soft Skills

- Strong problem-solving and analytical abilities
- Effective communication and teamwork
- Leadership and project management
- Adaptability and continuous learning

INTERNSHIPS

SOC Analyst Intern   Jul 2024 - Aug 2024

CFSS Cyber & Forensics Security Solutions   *India*

- Captured and analyzed HTTP requests using Burp Suite.
- Utilized Wireshark for network traffic analysis
- Performed penetration testing on DVWA using Metasploit.

Cybersecurity Intern   Mar 2024 – Apr 2024

Prodigy InfoTech   *Mumbai, Maharashtra*

- Explored cryptography and internet protocols, enhancing understanding of security in software development.
- Successfully met project deadlines and delivered high-quality results.

Web Development Intern   Oct 2023 - Nov 2023

Prodigy InfoTech   *Mumbai, Maharashtra*

- Excelled in building responsive web applications using HTML, CSS, and JavaScript

EDUCATION

Bachelor of Technology (B.Tech)- Computer Science & Engineering　　　　July 2022 - July 2026
(IoT & Cybersecurity including Blockchain Technology),
Manakula Vinayagar Institute of Technology
Relevant Coursework: Internet of Things, Cybersecurity, Blockchain Technology,
Network Security, Operating Systems

PROJECTS

Arduino-Based Automated Anesthesia Injector
Designed and developed as part of an educational project to explore the applications of embedded systems in healthcare. This project involved creating an automated anesthesia injector using Arduino, which simulated the precise delivery of anesthesia during surgical procedures. The system incorporated sensors to monitor vital signs and adjust drug dosage in real-time. The project was a valuable learning experience in integrating hardware with software, understanding medical requirements, and exploring potential real-world applications of IoT in healthcare.

EXTRA-CURRICULAR ACTIVITIES

- Participated in 5 paper presentations and a project expo, showcasing research and projects on various technical topics.

- Member of Google Developer Groups (GDG) - Chennai and Google Developer Groups Cloud (GDG Cloud) - Chennai since July 2023.

- Member of Entrepreneurship Development Cell (EDC) at Manakula Vinayagar Institute of Technology.