ERIC THIMI ALAPPATT

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PROFESSIONAL SUMMARY:

Recent Computer Science postgraduate with a strong foundation in software development and cybersecurity, specializing in Python and Linux environments. Experienced in web application development, security enhancement, and proficient in Python, SQL, JavaScript, and Network Security. Seeking an entry-level role as a Software Engineer or Security Engineer.

INTERNSHIPS:

Software Developer & Tester | Freelancer   Dec 2023- Present
- Developed a comprehensive web application for the College Placement Cell, enhancing communication and **increasing successful placements by 40%.**
- Conducted regression testing and troubleshooting to ensure smooth application performance.
- Utilized Git for version control, enabling seamless collaboration and version management throughout the development lifecycle.

Penetration Tester & CyberSecurity Intern | Hackitfy & Cyberdosti   Jan 2025 - Mar 2025
- Decreased **successful attacks by 40% by analyzing cyber threats** via conducting black box testing and secure code reviews.
- **Detection of phishing method rates by 50%** through comprehensive awareness training.

RELEVANT PROJECTS:

HID-F- HUMAN INTERFACE DEVICE FIREWALL 🔗   Jan 2025 - Mar 2025
- Developed a **Python-based endpoint security software** to detect and block malicious USB attacks, including keystroke injections and BadUSB exploits via real-time monitoring, rule-based detection.

PCMS- PLACEMENT CELL PORTAL 🔗   Dec 2023 - Apr 2024
- Achieved seamless communication for the College Placement Cell by developing a web app using Python and Django, enhancing communication and **increasing successful placements by 40%.**

CUEHUB- COMMAND LINE TOOL 🔗   Oct 2024
- Python project setup by automating **creation, dependency installation, and documentation**, with advanced features for analyzing project structure and code quality to boost efficiency and highlight improvement areas.

HEPHARES- RESUME BUILDER APP 🔗   Feb 2023 - May 2023
- Introduced a robust resume builder application with **JavaScript, PHP, and MySQL,** delivering a seamless user experience through streamlined database management and integrated job portal capabilities.

EDUCATION:

St. Thomas Autonomous College, Thrissur   2023-2025
Masters in Computer Science

St. Thomas Autonomous College, Thrissur   2020-2023
Bachelor of Computer Application | 9.0 CGPA

SKILLS:

- **Programming Languages:** C, Python(OOPS), Javascript, Go, JAVA, SQL & PostgreSQL
- **Soft Skills**: Written & Verbal Communication, Teamwork, Collaboration, Diligent
- **Tools:** Nmap, Kali Linux, Metasploit, Git & GitHub
- **Networking & Network Security**

CERTIFICATIONS:

- Google Cybersecurity Professional Certificate **(Coursera)**
- Python Data Structures **(Coursera)**
- Cybersecurity Essentials **(Cisco Academy)**
- CSS, Javascript, PHP & Python **(Udemy)**
- Networking Essentials **(Cisco Academy)**