ERIC THIMI ALAPPATT

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PROFESSIONAL SUMMARY:

Versatile Postgraduate in Computer Science with a strong foundation in software development and cybersecurity, specializing in Python and Linux environments. Hands-on expertise in web application development, security hardening, and proficient in Python, SQL, JavaScript, and Network Security.

WORK EXPERIENCE:

Software Developer & Tester | Freelancer   Jun 2023 - Jul 2025

- 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.

TECHNICAL PROJECTS:

HID-F- HUMAN INTERFACE DEVICE FIREWALL 🔗   Jan 2025 - Mar 2025

- Developed a **Python-based Endpoint Detection & Response (EDR) Software** to detect and block malicious USB attacks by building real-time USB device monitoring with rule-based detection logic for proactive defense.

PCMS- PLACEMENT CELL PORTAL 🔗   Dec 2023 - Present

- 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%.**

JOBFORGER- RESUME + JOB PORTAL 🔗   Feb 2025 - Present

- Introduced a robust resume builder application with **Python-Django & ReactJS via MySQL,** delivering a seamless user experience through integrated job portal.

CUEHUB- COMMAND LINE TOOL 🔗   Oct 2024

- Created a command-line tool that automates **Python project setup, dependency installation, and documentation** and integrated project structure analysis and code quality checks to enhance productivity and maintainability.

EDUCATION:

Masters in Computer Science | Rankholder (1st)   **2023-2025**
St. Thomas Autonomous College, Thrissur

Bachelor of Computer Application   **2020-2023**
St. Thomas Autonomous College, Thrissur

SKILLS:

- **Programming Languages:** C, Python(OOPS), JavaScript, Java, Bash, SQL & MySQL
- **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)**