M.Vigneash

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PROFILE

Cybersecurity enthusiast with hands-on experience in web application security, ethical hacking, and vulnerability assessment. Proficient in **Python, JavaScript, and React JS**, with a proven ability to develop innovative software solutions and strong analytical problem-solving skills. Dedicated to exploring cutting-edge technologies and contributing to secure and scalable digital platforms.

EDUCATION

Sri Krishna College of Technology — Coimbatore, India
B.E. in Cyber Security — **CGPA: 7.39**
2022 – 2026

Cochin Refinery School — Completed Schooling
2008 – 2022

SKILLS

Programming: Java, C++, SQL, HTML, CSS, ReactJS, Spring Boot
Cybersecurity Tools: Burp Suite, Autopsy,Wireshark
Web Technologies: HTML, CSS, JavaScript, REST APIs
Databases: MySQL
Soft Skills: Problem-solving, Critical Thinking, Team Collaboration

EXPERIENCE

Bharat Petroleum Corporation Ltd. (BPCL) – Kochi Refinery — Kochi, India
Information Systems Intern — Dec 2024 – Jan 2025

- Worked in the **Information Systems Department** focusing on digital transformation, cybersecurity, ERP (SAP-MES), and smart infrastructure solutions.

- Contributed to the development of the **E-Register application** using ASP.NET (MVC), C, and SQL Server.

- Gained practical experience with systems like **E-Permit**, **VDMS**, **XHQ**, and **SharePoint**.

- Participated in a **plant visit** and explored critical units like the DHDS, SRU, FCCU, PDPP, and the Smart Data Centre.

- Received appreciation for excellent conduct and a well-documented internship report.

Prodigy Infotech — Coimbatore, India
Cyber Security Intern — Mar 2024 – Apr 2024

- Conducted **security assessments and vulnerability analysis** for web applications.

- Utilized **Burp Suite** for penetration testing and exploited common security loopholes.

- Assisted in performing **penetration testing** and reporting on findings.

- Learned industry best practices for **secure coding** and compliance frameworks.

Livewire   Coimbatore, India
Cyber Security Intern   Jun 2024 – Jul 2024

- Performed **system security analysis** to identify and mitigate vulnerabilities.

- Worked with **penetration testing tools** to evaluate security infrastructures.

- Assisted in **network security auditing** and risk assessments.

- Developed reports detailing **security findings and recommendations**.

PROJECTS

Grocery Store Website

- Developed a **responsive e-commerce platform** for online grocery shopping.

- Implemented a **secure payment system** and optimized UI/UX for a seamless experience.

- Designed a **real-time order tracking system** for better user engagement.

Vortex Play

- Created an **online cloud gaming application** using HTML, CSS, and JavaScript.

- Integrated **real-time multiplayer functionality** and optimized game performance.

- Designed an **interactive leaderboard** for user engagement.

EstateFlow

- Developed a **comprehensive house brokerage platform** with features for buying, selling, and planning houses.

- Implemented **advanced search filters** and an **interactive dashboard** for user engagement.

- Designed an AI-based **property recommendation system** for improved user experience.

CERTIFICATIONS

- **Introduction to Cybersecurity** – Cisco Networking Academy

- **Google Cybersecurity** – Coursera

- **Oracle Generative AI Certified Professional** (Jul 2024)

ACHIEVEMENTS

- Participated in multiple **NIT Hackathons** and **qualified for final rounds**, showcasing strong problem-solving and innovative development skills.