PRAVIN J

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EXPERIENCE

Virtual Internship – Full Stack Web Development (MERN)
Edunet Foundation | EY GDS | AICTE | Feb–Mar 2025 **[LINK]**

- Built a full-stack web app using MongoDB, Express.js, React.js, and Node.js.
- Completed weekly milestones, mentorship sessions, and project-based learning.
- Gained hands-on beginner level experience in API integration, frontend/backend development, and deployment.

PROJECTS

Real-Time Phishing Detection Browser Extension | *Random Forest, API Integration, Python* **[LINK]**

- Developed a cross-browser extension that detects phishing websites in real-time using a Random Forest model, achieving ~95% classification accuracy on phishing and legitimate URLs.
- Integrated Google Safe Browsing and PhishTank APIs, with fallback detection using a 15k+ URL Kaggle dataset.
- Achieved under 1-second detection latency, with real-time alerts and blocking for phishing threats across Chrome, Edge, and Firefox.

Resume Analyzer Web Application | *Python, NLP* **[LINK]**

- Built a web-based resume analyzer using Python Flask, enabling users to upload resumes and receive structured insights through NLP-based parsing.
- Implemented ATS score calculation and job description matching logic, helping users evaluate how well their resume aligns with specific job roles.
- Supported various file formats with real-time feedback, ensuring compatibility and a user-friendly interface.

Network Vulnerability Scanner | *Python, Nmap, streamlit* **[LINK]**

- Built a Network Vulnerability Scanner using Streamlit and Nmap for real-time scanning of open ports and vulnerabilities.
- Integrated Nmap NSE scripts to detect vulnerabilities in services like FTP, SMB, and MySQL.
- Developed a user-friendly interface with dynamic progress tracking and scan result downloads.

LEADERSHIP & ACTIVITIES

Texus SRM Event Host | "Brand Artistry"
April 2023

- Volunteered creative event featuring poster and logo design challenges
- Managed participant engagement and ensured smooth execution

CHiPSET Club Workshop Organizer | "Hello Hackers V9.0"
October 2024

- Coordinated ethical hacking workshop with live demonstrations
- Facilitated cybersecurity awareness sessions for over 150+ participants

TECHNICAL SKILLS

Programming: Python, C, C++, JavaScript

Web Development: HTML, CSS, Bootstrap, React.js, Flask, Streamlit

Tools & IDEs: VS Code, Git, GitHub, Nmap, Wireshark, Nessus,

Operating Systems: Kali Linux, Ubuntu

Databases: MySQL, Firebase, phpMyAdmin

Soft Skills: Critical Thinking, Problem Solving, Adaptability, Collaboration

EDUCATION

SRM UNIVERSITY RAMAPURAM 2022-2026
B.tech Computer Science Engineering with specialization in Cyber Security
Current **CGPA : 8.76**

COURSERS

- Cyber Security and Privacy - **NpTell**
- Ethical Hacking essentials - **EC Council**
- Foundations of Cybersecurity - **Google Coursera**
- Python Fundamentals - **Infosys Springboard**