Apoorva Jain Ramapura Prashanth

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OBJECTIVE

Aspiring Cyber Security Analyst with foundational technology experience as a Programmer Analyst. Possesses hands-on development history. Expanded security knowledge through self-guided learning and relevant coursework. Commits to applying proven analytical and technical skills to contribute effectively.

EDUCATION

California State University,Fullerton Fullerton, CA
Master's in Computer Engineering *Graduation-2025*

RNS Institute of Technology Bengaluru, India
Bachelor of Engineering in Electronics and Communication Engineering *August 2017- May 2021*

EXPERIENCE

Cognizant Technology Solutions November 2021- July 2023
Programmer Analyst *Bengaluru,India*

- Developed and deployed **interactive UI components** using **ReactJS and Figma**, achieving a 95% client satisfaction rate with a visually appealing and user-friendly design.
- Enhanced usability by 25% through integrating navigation menus and forms across 10+ pages with **JavaScript, HTML, and CSS.**Improved functionality and user experience by 40% via comprehensive UI bug testing.

Pyze Inc. June 2020- August 2020
Machine Learning Intern *Bengaluru, India*

- Implemented machine learning algorithms to achieve 95% accuracy in **model predictions**, improving project performance through a 20% boost in code efficiency. Enhanced proficiency in **Python** and gained experience with **data handling and model optimization.**

PROJECTS

Intrusion Detection System using Machine Learning | *Python, Machine learning, LIME* September 2024

- Developed a machine-learning-based IDS for real-time detection of network intrusions, classifying network traffic as normal or malicious.
- Integrated Explainable AI (XAI) components, providing transparency into detection decisions to support user understanding and trust in the system.

Thesis - Gaming Technology for visually impaired.
BCI,Python programming, Machine Learning,Data Analysis, Game Development September 2024- Current

- Objective is to develop a game which includes feedback like audio, haptic for the visually impaired.

File Integrity Monitoring | *Python, File handling, Hashing algorithms,protocols* October 2024

- Developed a Python-based file integrity monitoring solution with SHA-256 hashing to ensure data integrity across a designated directory.
- Implemented an email alert system to notify users of changes in monitored files every 10 seconds, enhancing security for sensitive information.

SKILLS

Cybersecurity Skills: Python, Kali Linux, SIEM Tools, Network Security, Incident Response, Regulatory Compliance,Cryptography,Vulnerability Assessment, Risk Management, Wireshark, Splunk, Operating Systems.
Development Skills: ReactJS, SQL, JavaScript, HTML/CSS, AWS
Soft Skills: Analytical Thinking, Collaboration, Attention to Detail, Problem-Solving, Communication
Professional Development:Participating in Industry Organizations, Contributing to Personal Projects, Hands-On Technical Development, Team Shadowing

Accomplishments and Certifications

- CompTIA Security+
- Google Cybersecurity Professional Certificate, September 2024
- Google IT Support Professional Certificate, March 2024
- Computer Organization and Architecture Certification