NAVANEET R RAO

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EDUCATION

Jyothy Institute of Technology - VTU   Bengaluru, Karnataka
Bachelor of Engineering (B.E) in Computer Science (3rd Year) – 7.95 GPA   *Dec. 2021 – Present*

EXPERIENCE

Enterprise Building Training Solutions (EBTS)   Bengaluru
Cyber security Essentials Intern   *May. 2022*
- Applied practical skills, identifying vulnerabilities and proposing effective mitigation strategies.
- Collaborated with Cyber security professionals, gaining valuable insights into practical aspects.
- Experienced in **CTFs**, Honeypots, firewalls, and more.
- Implemented firewall rules using **pfSense** and increasing network security and seamless traffic management by **35%**.

Red Hat – Certificate   Bengaluru
Red Hat internship training   *Oct. 2022 - Nov. 2022*
- Enhanced system security, managed essential networking, proficiently handled user and group administration, executed seamless deployment and ongoing system maintenance, adeptly addressed troubleshooting challenges.
- Orchestrated containerized systemd services for an httpd/CentOS image on the Red Hat Enterprise Linux (RHEL) platform.
- Implemented CI/CD through **Open Shift** with **GitHub** for Version control for a react-based website
- The specialized training contributed to the successful completion of the **EX200** Red Hat Certified System Administrator exam with a score of **87%**

PROJECTS

Network Security Analyst - NMAP | *Kali Linux, NMAP, Wireshark*   May. 2022
- Utilized key tools, including **NMAP** and **Wireshark**, to identify and evaluate potential vulnerabilities within the 3 domains
- Conducted targeted scans on **70%** of three **FQDNs**, successfully identifying vulnerabilities in **10%** of the scanned domains.

Data Restoration from a Pcap File | *Kali Linux, Wireshark, HxD*   Jun. 2023
- Applied Wireshark for thorough analysis and interpretation of a **Pcap** file, extracting key insights into **network communication**
- Proficiently used **HxD** for precise data restoration, successfully recovering **95%** of data with proficiency in recognizing and interpreting various **file signatures** during the process.

Real Time Automated Notification | *Windows, Powershell, NTFY*   Sep. 2023
- Developed an **automated push notification** system using the NTFY library and PowerShell scripting to enhance **real-time** communication within a Windows environment.
- This PowerShell script continuously monitors the battery status of a system, sending notifications using NTFY and executing an additional script when transitioning between battery and plugged-in states.

Me2Chat - Real-time Chat App | *React Native, Expo, Typescript, Tailwind CSS, Firebase*   Dec. 2023
- Developed a real-time chat application using React Native, Expo, Typescript, Tailwind CSS, and Firebase.
- Implemented user authentication, allowing users to securely sign in and register.
- Utilized Firebase realtime database for efficient and synchronized data updates in real-time.

E-Commerce - React Native App | *React Native, Expo, JavaScript, Firebase*   Feb. 2024
- Built a React Native app with Expo, JavaScript, and Firebase for product browsing, search, and purchase.
- Design the app interface using Figma
- Features added User authentication, product listings, cart and checkout, potentially integrated payment.

SKILLS

Languages: Python, JavaScript, TypeScript, HTML, CSS, C, C++, C#, Java
Libraries/Frameworks: ReactJS, React Native, NodeJS, TaildwindCSS, Bootstrap, Flask, OpenCV, Tensorflow
Databases: MySQL, MongoDB, Firebase
Development Tools: VSCode, Git, Maven, GitHub Actions, GCP, VMWare, Docker, Podman, NMAP, Wireshark, Arduino
Testing Tools: JTest, TestNG

CERTIFICATIONS

Front-End Web UI Frameworks and Tools: Bootstrap 4, Coursera – Certificate
Introduction to Cybersecurity Tools & Cyber Attacks, Coursera – Certificate
Cybersecurity Roles, Processes & Operating System Security, Coursera – Certificate
Nmap for Ethical Hackers - The Ultimate Hands-On Course, Udemy – Certificate
EX200 Red Hat Certified System Administrator, Red Hat – Certificate
Google Cloud Fundamentals: Core Infrastructure, Google Cloud Skills Boost – Certificate
Essential Google Cloud Infrastructure: Foundation, Google Cloud Skills Boost – Certificate