

NAVANEET R RAO

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EDUCATION

Jyothy Institute of Technology - VTU

Bachelor of Engineering (B.E) in Computer Science (3rd Year) – 7.55 GPA

Bengaluru, Karnataka

Dec. 2021 – Present

PROFESSIONAL EXPERIENCE

Enterprise Building Training Solutions (EBTS)

Cyber security Essentials Intern

Bengaluru

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 **pf Sense** 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 different 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.

SKILLS

Languages: Python, JavaScript, TypeScript, HTML, CSS, C, C++ , C#, Java, PowerShell, LaTeX

Libraries/Frameworks: ReactJS, React Native, NodeJS, TailwindCSS, Bootstrap, Flask, Computer Vision, Jupyter Notebook

Databases: MySQL, MongoDB, Firebase

Tools: VSCode, Git, GCP, VMWare, VBox, Docker, Podman, open shift, NMAP, Wireshark, Arduino, MS Office

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](#)