

Pridhvi Muthuraju

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EDUCATION

Northeastern University, Boston, MA

Khoury College of Computer Sciences

Sept 2021 - Present

Candidate for Master of Science in Cybersecurity

Graduation: May 2023

Related Courses: Network Security, Web Development, Network Security Practices, Computer System Security, Information System Forensics, Special Topics in IT Security GRC, Capstone Project

Anna University, Chennai, India

Sri Krishna College of Engineering and Technology

August 2015 - April 2019

Bachelor of Engineering in Electrical and Electronics Engineering

Related Courses: Computer Networks, Data Structures and Algorithms, Object Oriented Programming, Advanced C Programming

TECHNICAL KNOWLEDGE

Languages: JavaScript, Python, Java, HTML, CSS, Bash, C++

Technical Skills and Tools: TCP/IP Network Stack, React.js, Bootstrap, Linux, Network Security, Docker, Redux, Node.js, MongoDB, Jenkins, Git, Wireshark.

PROFESSIONAL EXPERIENCE

Ernst & Young U.S. LLP, San Jose, CA

June 2022 - Aug 2022

Technology Consulting - Cybersecurity Intern

- Involved in a threat hunting project for a major client.
- Used Tanium to gather data to do a cyber hygiene assessment and report.

Zilker Technology LLC, Chennai, India

Aug 2018 - Apr 2020

Consultant Trainee

May 2019 - Apr 2020

- Extensively worked with technologies such as Linux, Bash, Jenkins, Docker, and Ansible to enhance various DevOps related tasks being part of a managed services team handling severity (SEV) incidents.
- Performed automation of the build, deployment, and monitoring of three enterprise applications (web application and mobile platforms) for a major client in the USA.

Intern

Aug 2018 - May 2019

- Worked with technologies such as HTML, CSS, JavaScript, JSP, MySQL using which I developed a J2EE/Spring web application forum for cars.

ACADEMIC PROJECTS

Secure Chat Application

Nov 2022 - Dec 2022

Network Security (CY6740), Northeastern University, Boston, MA

- Designed multiple authentication protocols and implemented a console based end-to-end encrypted chat application in python as part of the final project for the class. This also included finding vulnerabilities in fellow students' designs and exploiting them.

IoT

Sep 2021 - Dec 2021

The Mon(IoT)r Lab, Northeastern University, Boston, MA

- Wrote a python script to extract and organise unique Certificate Authorities (CA) from historical TLS network traffic data of 40 IoT devices. Came up with research questions from the data obtained as an output of the script.