

# Pridhvi Muthuraju

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## EDUCATION

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**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

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**Languages:** TypeScript, Java, Python, Bash, C++, HTML, CSS

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

## PROFESSIONAL EXPERIENCE

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**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

**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

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**Playbook**

Mar 2023 - Apr 2023

**Web Development (CS5610)**, Northeastern University, Boston, MA

- Developed a fullstack web application using the MERN stack called Playbook. Playbook allows gamers to connect, share, and discover new games. It uses the IGDP api to source data.
- The react front end application was developed using Typescript and Redux for state management.

**Secure Chat Application**

Sep 2021 - Dec 2021

**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.