

- D H R U V T Y A G I -

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SKILLS

Languages:

- ▶ Python, Java, JavaScript, MySQL, NoSQL

Technologies & Tools:

- ▶ React, MongoDB, ExpressJS, NodeJS, NMAP, Metasploit, Git, GitHub

Certifications & courses:

- ▶ [AWS Certified Cloud Practitioner, AMAZON](#)
- ▶ [Introduction to Cybersecurity, CISCO](#)
- ▶ [Introduction to Ethical Hacking, VITYARTHI](#)

EXPERIENCE

SmartBridge, Externship • Cyber Security and Ethical Hacking 05/2023 - 07/2023

- Followed an instructor led course that taught me about advanced cyber security concepts and tools.
- Collaborated with a 4-member team to successfully conduct Web App Penetration Testing on the web application cubelelo.com and discovered CSRF Logout vulnerability and reported it to the website admin along with PoC

PROJECTS

- ▶ **Real time chat application • MERN STACK** 2024
 - Build responsive, user-centric chat experiences with this MERN stack application. Features instant messaging powered by Socket.IO and seamless state management using the Context API.
 - Technology: Node.js, React, MongoDB, Express, Socket.io, Context API
- ▶ **Blog Application • MERN STACK** 07/2023 - 10/2023
 - Built a full-stack MERN (MongoDB, Express, React, Node.js) blog application with CRUD operations, protected routes, and user authentication.
 - Utilized Redux for state management and Tailwind CSS for styling.
 - Connected the frontend to the backend API routes
 - **Technology:** Node, React, MongoDB, Express, Tailwind CSS, JWT, Redux, BcryptJS
- ▶ **Web App pen-testing • Cyber Security** 06/2023 - 07/2023
 - Successfully conducted a comprehensive penetration testing on a web application and uncovered a CSRF vulnerability.
 - Reported the vulnerability to the admins responsibly along with the Proof-of-Concept video.
 - Technology: Cyber security tools like Wireshark and burp suite
- ▶ **Notekeeper • MERN STACK** 02/2023 – 05/2023
 - Developed a full stack web application that can be used to keep track of the user notes.
 - Implemented CRUD operation, protected routes and secure user authentication (bcryptjs, JWT) on a MongoDB database.
 - Managed JSON data and connected API endpoints
 - **Technology:** Node, React, MongoDB, Express, Bootstrap, BcryptJS, JWT
- ▶ **Image Steganography Tool • Python/ Cyber Security** 08/2021 - 11/2021
 - Developed Python-based image steganography tool for data encryption (NumPy, OpenCV).
 - **Technology:** Python, NumPy, OpenCV

EDUCATION

- ▶ **Vellore Institute of Technology • B. Tech in Computer Science Engineering**
Graduation Year (2024)
CGPA: 7.79
- ▶ **Delhi Public School, Indirapuram • Class 12th**
Graduation Year (2020)
Score: 79.2
Physics, Chemistry, Mathematics, English, Computer Science
- ▶ **Delhi Public School, Indirapuram • Class 10th**
Graduation Year (2018)
Score: 79.6
History, Civics, Geography, Economics, Mathematics, Biology, Chemistry, Physics, English, French