C MANOJ KUMAR

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SUMMARY

College student pursuing a Bachelor's degree in CSE with a focus on cybersecurity, skilled in front-end development, security analysis and programming.Passionate about exploring emerging technologies and collaborating with a dynamic team to tackle complex engineering challenges in a forward-thinking environment.

EDUCATION

B.E Computer science with Cyber Security   2021-2025
Sathyabama Institute of Science and Technology, Chennai
Current CGPA(7th Semester): 8.51

Higher Secondary Education   2020-2021
Army Public School(CBSE), Chennai
Percentage: 84.4%

Secondary Education   2018-2019
Army Public School(CBSE), Chennai
Percentage: 80%

SKILLS

Programming Languages	Python, C/C++ (basics), JavaScript(basics),Html,Css
Tools	Linux(Ubuntu),SQLmap, netcat, wireshark, nmap, GitHub, VSCode
Databases	MySQL
Others	AWS Couldfront, S3 bucket,AWS Cognito,Node js,Electron js

EXPERIENCE

Project Intern   Jan 2024 - May 2024
HCL TECH   *Chennai, Tamil Nadu*

- Deployed a video streaming platform called KINGPLAY to watch movies and shows.
- Used AWS S3 bucket, WAF and Cloudfront for secure video streaming

PROJECTS

VIDEO STREAMING APPLICATION
An open-source video streaming application integrated with AWS S3 and CloudFront for secure streaming.Built using HTML, CSS, JavaScript, and Electron.js,Provides a seamless experience with minimal buffering and local downloads.

SSH LOGIN USING BRUTE FORCE
Developed a Python-based SSH brute-force tool to test remote access security by cracking sensitive credentials using IP addresses. It automates credential testing with user-defined wordlists, scans for hidden SSH ports, and executes commands upon successful authentication.Used Paramiko for SSH and WinSCP for secure transfers.

SSH Honeypot Alert System
Developed a real-time monitoring system for Cowrie SSH logs, automating email and SMS alerts using Nodemailer and Twilio. Used Chokidar for log tracking and PM2 to run the process in the background. Tech Stack: Node.js, JavaScript, Chokidar, Nodemailer, Twilio, PM2.

CERTIFICATIONS

- CEH(Certified Ethical Hacker) by EC-COUNCIL
- Linux Fundamentals by Learn2quest