Hemanth Kumar Gonela

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• https://ghemanthkumar.me

Education And Training

Expected in 04/2025
Bachelor Of Technology, Computer Science
Vellore Institute Of Technology

04/2021
Intermediate, MPC
Sri Aakash Junior College, Hyderabad

04/2018
High School Diploma
Narayana High School, Hyderabad
- 10 GPA

Projects

Bombsqaud Game Server Scripts:
- During my time in school, I Developed customized server scripts in Python for a popular PC/Android game, Bombsquad, in which i created chat filter system with auto-kick and ban, rank and tag system (to display the ranks of players) and stats script to record and update player stats & server chats onto my website after each round.

Passwords and Cookies Exfiltrator :
- Developed a Node.js script to extract encrypted cookies, passwords, autofill & other important data from major web browsers (Chrome, Firefox, Edge, Opera, Brave), decipher them and compress the data into a zip file and send it to my discord server. Implemented sophisticated obfuscation methods and made it undetectable from all antivirus's and compiled it into executable file which isnt flagged as malware in any of the 70 antivirus's of virustotal.com .

Education Platform
- During a 36-hour hackathon, I led a team of two, including myself, to develop and host an award-winning educational platform at https://braincraft.tech. Leveraging a tech stack that included React, Tailwind CSS, JavaScript, and Firebase's Firestore NoSQL database, we crafted a feature-rich platform. It includes user authentication, private/public chat rooms with file sharing and instant whiteboard snapshots, study materials, courses overview, personalized profiles, and messaging functionality. Our innovative solution to online learning secured us the 1st prize in the competition.

Discord Server Moderation Bot :
- Programmed a versatile Discord bot with advanced features, it can detect and filter inappropriate or spam messages, manage users, and automatically monitor and moderate chat activity for suspicious or inappropriate behavior. The bot can also send customized welcome messages to new users, track server activity, and provide reports on user and channel activity. It includes anti-spam measures to detect and block spammers using bots or other automated tools. it also has other useful utilities such as custom commands, poll creation, and server status updates to provide a seamless user experience. This bot ensures a healthy and positive environment for all members of the Discord server.

Guard Key Software :
- Created a Node.js script packaged into an executable file which would monitor USB ports and automatically lock Windows when any USB device (e.g. pendrive, keyboard, or mouse) is unplugged, providing additional security for sensitive data.
- **For more detailed information about my projects, please visit my website at https://ghemanthkumar.me**

Skills

- Languages: Python, C++, Node js, HTML/CSS/Javascript.
- Frameworks: Node.js, Tailwind.
- Tools: Git, Linux, Docker, AWS(EC2), GCP(EC2), Digital Ocean, Mongodb, Adobe Photoshop, Adobe Premier Pro, Ms Word, Putty, Winscp.

Hobbies

- Working on tech-related projects
- staying up to date with cybersecurity trends by reading articles
- Web designing
- Playing Video Games