

# Hemanth Kumar Gonela

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## Education

### Vellore Institute of Technology

#### Vellore, Tamil Nadu

Bachelor of Computer Science

CGPA : 8.18/10

Aug, 2021 - Jul, 2025

### Sri Aakash Junior College,

#### Hyderabad

Intermediate, MPC, Grade: 80%,

Jun, 2019 - Apr, 2021

### Narayana High School,

#### Hyderabad

High School Diploma, CGPA 10/10

Apr, 2017 - Apr, 2019

## Technical Skills

Python, JavaScript, React, C++, HTML5 ,  
CSS, Tailwind CSS, Node.js, Cloud  
Computing

## Soft Skills

Collaboration, Problem-solving, Time  
management, Result-oriented,  
Adaptability, Attention to Detail, Project  
Management

## Additional Skills

Cybersecurity Awareness, Research,  
Automation

## Languages

English, Hindi, Telugu

## Certifications

- Eccouncil - Certificated Ethical Hacker (CEH)
- Aws Cloud Practitioner
- Eccouncil - Cybersecurity Attack and Defense Fundamentals Specialization

## Work Experience

### Jio Platforms Limited, Hyderabad

Video Analytics Intern

Nov, 2023 - May, 2024

- Developed a Python image scraper capable of scraping 500 images per minute, annotated large datasets, and created a new image recognition model with 50,000 unique images, including an auto-annotator to streamline the process using YOLOv7.
- Created and trained an object detection model in YOLOv7 for real-time vehicle and number plate recognition.
- Worked on a real-time object detection project with CCTV feed, integrating ONNX runtime and PaddleOCR for enhanced accuracy and performance.

## Projects

### Bombsquad Game Server Scripts

Oct, 2017 - Apr, 2019

<https://github.com/ghemanthkumar0007/bombsquadserver>

- Developed customized Python server scripts for Bombsquad, including a chat filter system with auto-kick/ban, a rank/tag display system, and a stats script to update player stats and server chats on my website after each round.

### Discord Server Moderation Bot

Jul, 2020 - Aug, 2020

- Programmed a Discord bot to detect/filter inappropriate messages, manage users, monitor chat activity, send welcome messages, track server activity, and provide reports. It includes anti-spam measures, custom commands, poll creation, and server status updates.

### Passwords and Cookies Exfiltrator

Sep, 2020 - Dec, 2020

- Developed a Node.js script to securely extract and decrypt cookies, passwords, and autofill data from major browsers for backup purposes. The data is compressed and securely sent to a private server, utilizing advanced obfuscation techniques to ensure data integrity and protection from unauthorized access.

## Education Platform

Jun, 2023 - Jun, 2023

<https://github.com/ghemanthkumar0007/BrainCraft>

- Led a team of two during a 36-hour hackathon to develop create an educational platform. Leveraged React, Tailwind CSS, JavaScript, and Firebase Firestore. The platform includes user authentication, chat rooms, file sharing, whiteboard snapshots, study materials, course overviews, profiles, and messaging. Our solution secured 1st prize in the competition.