

HANUMANTHU GARI GURU JANARDHAN REDDY

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Education

Vellore Institute Of Technology(VIT)

Sep 2021-Present

M. Tech -Integrated CSE with Specialization Data Science

9.04CGPA

Relevant Coursework from university: Machine Learning, Deep Learning, Data Visualization, Statistical Analysis, Object-Oriented Programming, Web Development, Database Management Systems, Business Intelligence, Advanced Algorithms, Computer Architecture, Operating Systems, Wireless Networks.

Skills

Technical Skills

- **Analytical Tools:** Advanced Excel(power Query, Pivot table), Power BI, Tableau
- **Programming Languages:** Java, Python, SQL, HTML, CSS,React.js, R language, JavaScript
- **Libraries & Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
- **Databases:** SQL, MongoDB
- **Tools & IDEs:** VS Code, MySQL Workbench, R Studio, Eclipse for Enterprise Java Web Development

Languages

- Telugu , Hindi(Basic) , English

Experience

Infosys Springboard 5.0 Internship

Python Stack Developer

Feb 2025 – Present

- Developing an Agile Project Management Dashboard using Python to manage tasks, track sprints, and visualize project progress, **improving project tracking efficiency by 45%**.
- Implementing key features such as Login Management, Project Creation, Performance Analytics, and Automated Reporting, reducing manual effort **by 50% and enhancing decision-making speed**.

Java Stack Developer

Oct 2024 – Dec 2024

- Built a **Movie Management System** using Java and MySQL, increasing data accessibility by **40%** and reducing query response time by **30%**.
- Implemented **CRUD operations** (Create, Read, Update, Delete) to streamline movie record management, improving system efficiency by **25%**.
- Optimized backend architecture, ensuring **99.9% uptime** and accelerating data retrieval by **35%**.

Projects

Smart Attendance System using OpenCV and KNN Algorithm [🔗](#)

Jul 2024-Aug 2024

- Created an advanced **facial recognition system** using **OpenCV** for face detection and **K-Nearest Neighbors (KNN)** for recognition, improving **attendance processing speed by 30%**.
- Identified and addressed **bottlenecks** in the system, resulting in a **30% improvement in data processing speed** and faster check-in times.
- **Engineered** a highly efficient **attendance marking system**, enhancing **check-in speed** and providing **80% accuracy** in facial recognition for **over 200 users**.

Restaurant Reservation System [🔗](#)

May 2024- Jun 2024

- Launched a **MERN stack** application (MongoDB, ExpressJS, ReactJS, NodeJS) for **online restaurant reservations**, improving **customer booking efficiency by 40%**.
- **Implemented** secure **user authentication** and **reservation management** features, reducing **booking errors by 20%** with **real-time table availability** updates.
- **Created** an **admin dashboard** for managing reservations, tracking **customer data**, optimizing **table utilization**, resulting in a **15% increase in reservations** per day.

Emotional Face Recognition using Back Propagation [🔗](#)

Feb 2024-Apr 2024

- Designed and trained a **machine learning model** for emotion recognition based on facial expressions, **achieving 85% accuracy** by preprocessing a dataset of over 1,000 labelled images.
- Developed a neural network using the **Back Propagation algorithm** to classify 6 different emotions with high precision, enhancing advancements in emotion AI.

Certifications [|links|](#)

- Secured Java Certification and Data Structures and Algorithms in Java from Infosys Springboard in Aug 2024.
- Earned **Python Certification from Infosys Springboard in Aug 2024**.
- Acquired **MERN Full Stack Certification in Jul 2024**.