



BRIEF SUMMARY

To pursue a challenging role in the field of Artificial Intelligence and Software Development, where I can apply my skills in Python, Machine Learning, and Web Technologies to create innovative and data-driven solutions. I aim to gain practical experience, contribute to impactful projects, and grow as a versatile IT professional.

KEY EXPERTISE

Python Javascript C HTML CSS Django MySQL SQLite

EDUCATION

CMR Technical Campus

2022 - 2026

B.Tech. - Information Technology | CGPA: 7.53 / 10

GMR JUNIOR COLLEGE

2022

12th | Percentage: 71.90 / 100

T S MODEL School

2020

10th | Percentage: 88.35 / 100

PROJECTS

Hybrid AutoEncoder Driven ML model for Performance monitoring in 5g cellular networks

05 Aug, 2025 - 24 Dec, 2025

Team Size: 3

Key Skills: Python, Tkinter, Machine Learning, AutoEncoder, Random Forest, SQLite

Developed a Hybrid Autoencoder-Driven ML Model for proactive performance monitoring in 5G cellular networks. The system utilizes a Deep AutoEncoder for feature extraction and a Random Forest classifier for predicting dropped connections with high accuracy. Designed an interactive Tkinter-based GUI for network administrators to train models, load datasets, and make real-time predictions. The model demonstrated improved efficiency, reducing false detection rates and enhancing network reliability compared to traditional rule-based methods.

Courier Management system

05 Feb, 2025 - 05 Jun, 2025

Team Size: 3

Key Skills: Python, Django, MySQL, Google maps API, HTML, CSS

Engineered a courier management system that enhanced delivery accuracy by 25%, Integrated GPS Tracking for real-time updates, and streamlined logistics operations reducing delivery time by 15%. Built an admin dashboard to manage orders, Customers, and delivery agents efficiently.

ASSESSMENTS / CERTIFICATIONS

AI Beginner

Key Skills: Python, Machine Learning, Artificial intelligence

Explored AI fundamentals and real-world applications through hands-on projects. Applied machine learning algorithms to practical problems and improved understanding of model Performance and optimization.

Full Stack Developer online course HTML & CSS

Key Skills: HTML CSS

HTML & CSS are essential for building responsive and visually appealing websites. Understanding layout, styling, and design principles is crucial for Full Stack Development.

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: 1-67, Majeedpally, Gajwel, Siddipet,
Telangana,502334, Hyderabad, Telangana, India - 502334

Emails: vamshigoudjaligama66@gmail.com , 227r1a1223@cmrtc.ac.in

Date of Birth: 18 Aug, 2004

Known Languages: English, Telugu, Hindi

Phone Number: +91-8498913929