

# Hemanth Yembuluri

📍 Palakollu    ✉ hemanthyembuluri777@gmail.com    ☎ 9247998999    in hemanth-yembuluri-0719192a4  
🌐 Hemanth998999    🌐 Portfolio

## Summary

---

Enthusiastic and self-driven Engineering student specializing in Artificial Intelligence and Machine Learning, with hands-on experience in developing full-stack web applications and AI-powered systems. Successfully completed internships in Generative AI and Java Full Stack development, demonstrating strong problem-solving and technical skills. Known for academic excellence, project-based learning, and active participation in organizing technical events and hackathons. Passionate about building scalable solutions that solve real-world problems.

## Education

---

**Sagi Rama Krishnam Raju Engineering College** *Aug 2022 – Jul 2026*  
*BE in Artificial Intelligence and Machine Learning*

- **GPA:** 8.71/10
- **Coursework:** Artificial Intelligence, Machine Learning, Deep Learning, NLP, Computer Vision

**Aditya Junior College, Palakollu** *Jul 2020 – Apr 2022*  
*Intermediate – MPC (Maths, Physics, Chemistry)*

- **Percentage:** 89.1%
- **Board:** Board of Intermediate Education, Andhra Pradesh (BIEAP)

**Aditya School, Palakollu** *Jun 2019 – Mar 2020*  
*Secondary School Certificate (SSC)*

- **Scored:** 600/600 marks
- **Board:** Board of Secondary Education, Andhra Pradesh (BSEAP)

## Experience

---

**Generative AI Intern - ChatGPT** *Bhimavaram, AP*  
*IIDT BlackBucks* *May 2024 – Jul 2024*

- Designed and implemented a personalized movie recommendation system using collaborative filtering techniques.
- Processed and analyzed large datasets to improve recommendation accuracy and user experience.
- Gained practical experience in fine-tuning prompt responses, understanding limitations of LLMs, and ensuring ethical usage in AI applications.

**Java Full Stack Intern** *Bhimavaram, AP*  
*IIDT BlackBucks* *May 2025 – Jul 2025*

- Strengthened Java fundamentals including OOP, data types, and control flow while working with JDK 21.
- Experienced the full stack development lifecycle: front-end to back-end integration and deployment.
- Developed RESTful APIs using Spring Boot, focusing on HTTP methods and request mapping.

## Certifications

---

- **Machine Learning A-Z: AI, Python & R + ChatGPT Prize (Udemy)** [!\[\]\(f9e62ae797645c5367e33d9390832789\_img.jpg\)](#) – Covered machine learning algorithms, AI concepts, Python/R implementation, and practical projects.
- **100 Days of Code: The Complete Python Pro Bootcamp (Udemy)** [!\[\]\(3ae06528cbf191565604ae076c36537e\_img.jpg\)](#) – Learned Python programming from basics to advanced, building multiple real-world projects.
- **HackerRank SQL Basic Certificate** [!\[\]\(1c1752aff31fb3ae93f0f9295ffb3f4c\_img.jpg\)](#) – Demonstrated proficiency in SQL queries, joins, aggregations, and data manipulation.

## Projects

---

### Community Connect Hub

[GitHub Repo](#) 

- A MEAN stack-based platform designed for the sharing of events, discovery of services, and collaboration in the local community.
- Implemented features such as event photo-first layout, authentication, and administrator panel with role-based access.
- **Tools & Technologies:** HTML, CSS, JavaScript, Git, GitHub, GitHub Pages, Firebase

### German Traffic Sign Recognition

- Developed a deep learning model to classify traffic signs using the GTSRB dataset with more than 50,000 images.
- Achieved high classification accuracy using CNNs with data augmentation and evaluation metrics.
- **Tools used:** Python, TensorFlow, OpenCV, Matplotlib, Keras

## Technologies

---

**Languages:** C, Java, Python, SQL, JavaScript

**Technologies:** HTML, CSS, MongoDB, Firebase, GitHub / Git, REST APIs and Web Protocols, TensorFlow, OpenCV

## Achievements

---

- 1st Prize in 'Art Fusion' event by SRKR Event Organizing Cell (Nov 2024).
- Organized 24-hour hackathons and major college events with SRKR Coding Club and Event Organizing Cell.