Hemanth Yembuluri

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 Hemanth998999

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

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.

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

Technologies

Languages: C, Java, Python, Objective-C, 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 Oraganizing Cell.