

Vedantam Hemanth

AI Engineer

Andhra Pradesh , India

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Education

- KL University - B.Tech CSE with Honors: Specialization in Artificial Intelligence.
- Narayana Junior College - (+2) Higher Secondary: Science Major.

CGPA: 9.4 | 2022 - 26

Scored: 90% | 2020 - 22

Academic & Professional Experience

TEACHNOOK-Bangalore (AI Intern)

Jun'2024 - Jul'2024

- Led end-to-end sentiment analysis projects, leveraging advanced NLP techniques to analyse and interpret text data, driving actionable insights and optimizing the performance of AI-driven models through continuous refinement and real-time deployment strategies.
- Developed and deployed AI-driven solutions, enhancing accuracy and enabling data-driven decision-making across industries.

Jul'2024 - Present

Geeksmetrics - Bangalore (AI & ML Intern)

- Architected and deployed cutting-edge AI and machine learning models that drive transformative solutions, fueling technological innovation and expanding product capabilities for the startup.
- Executed rigorous data analysis and meticulous preprocessing to elevate dataset quality, optimizing the reliability and precision of machine learning algorithms for impactful, high-accuracy outcomes.

Technical Skills

- **Machine Learning & AI:** Mastery in Supervised and Unsupervised Learning, Deep Learning, Reinforcement Learning, and NLP.
- **Programming Languages:** Proficient in C, Java, and Python, and have extensively used libraries such as NumPy, Pandas, Scikit-learn, TensorFlow, Matplotlib, and Seaborn. There is also skill in SQL queries.
- **Learning Frameworks:** Deep knowledge of TensorFlow, PyTorch, and Keras for building and deploying deep learning models.
- **Data Visualization:** Practical experience with data visualization tools such as Matplotlib, Seaborn, Pandas, and Power BI. Knowledge of techniques such as Histograms, Boxplots, and Scatter Plots.
- **Computing:** Worked on AWS Cloud Services for designing, deploying, and managing applications and services on the cloud.

Certifications & Licenses

- Oracle AI Foundation Association
- Oracle Gen AI
- AWS Cloud Practitioner CLF-C02
- MultiCloud Network Associative
- AI for Everyone by Deep Learning AI
- Data Visualization with Python
- Introduction to AI by Infosys
- Automation Anywhere by RPA Software Life Cycle
- Development Specialization by Minnesota
- MongoDB By GeeksForGeeks
- Red Hat Enterprise Programming

Projects

<https://github.com/Hemanthvedantam>

- AI Assistant using NLTK(Natural Language Tool Kit)
- Movie Recommendation System
- Text Translator
- Credit Card Fraud Detection
- Weather Predictor
- OTP Verifier

Soft Skills

- Certified in Soft Skills by TCS, demonstrating strong communication, teamwork, and professionalism, honed through real-world coding challenges and projects to enhance critical thinking and problem-solving abilities.

Achievements & Honors

- Over a period of 100 days, I finished a coding challenge on LeetCode by consistently resolving intricate issues and increasing my capacity to think critically.
- Notably, during my time at Accenture, I successfully completed a Job Simulation which provided me with valuable industry exposure and practical skills that can be used in a professional setting.
- During the virtual internship at Teachnook, I received "Best Enthusiast" award for exceptionally great effort and commitment. Additionally, I obtained Gold badges on HackerRank and CodeChef indicating highly developed coding skills and expertise in algorithms solving.
- There is an NLP algorithm for sentiment analysis which was created as part of this work. It showed how much the author knows about Natural Language Processing and applied machine learning methods.