
VECHA SAMATHA

Narsipatnam, Anakapalli District

LinkedIn | LeetCode | HackerRank | CodeChef

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Objective

Motivated and passionate B.Tech student specializing in Artificial Intelligence and Machine Learning, seeking an internship to apply my technical skills and academic knowledge in a challenging environment. Eager to contribute to innovative projects and gain hands-on experience to further my career in AI and ML.

Education

B.Tech in Artificial Intelligence and Machine Learning

Shri Vishnu Engineering College for Women, Bhimavaram

CGPA: 9.24/10

2022 – 2026

Intermediate in MPC (Maths, Physics, Chemistry)

Tirumala Mahila Junior Kalasala, Katheru, Rajahmundry

Score: 967/1000

2020 – 2022

10th Standard

Tirumala EM High School, Katheru, Rajahmundry

Score: 600/600

2019 – 2020

Projects

1. Plant Care Assistant

- Developed a user-friendly interface that notifies users to water plants and provides growth guidelines.

- **Technologies:** Python, Tkinter, SQLite.

2. Heart Attack Analysis - Apriori Algorithm

- Conducted association rule analysis using the Apriori algorithm on a heart attack dataset (300 records, 12 attributes) to identify key patterns.

- **Technologies:** Python, Pandas, Matplotlib, NetworkX.

3. Personal Diary Management System with AI Chatbot

- Currently developing a system to manage personal diaries with AI chatbot integration for providing suggestions and interactions.

- **Technologies:** MERN Stack, Gemini API.

4. Handwritten Digit Recognition using SVM in Scikit-learn

- Built a recognition system using the MNIST dataset and achieved 90% accuracy on test data.

- **Technologies:** Python, Scikit-learn, NumPy.

Internships

1. **AWS Machine Learning** - AICTE Jan 2024 - Mar 2024
- Focused on practical skills in building and deploying ML models using AWS tools.
2. **Data Science** - ALTAIR Apr 2024 - Jun 2024
- Covered essential data analysis techniques and insights using Altair's data science tools.

Skills

Technical:

- Languages: C, Python, Java, JavaScript.
- Full Stack Development: HTML, CSS, JavaScript, React JS.
- Databases: DBMS, MySQL.
- Data Analysis: NumPy, Pandas, Matplotlib.
- Developer Tools: VS Code, Git.

Soft Skills:

- Self-Motivated, Teamwork, Adaptability, Time Management.

Achievements

- **Discover Visa:** Selected as one of 200 members for the Discover Visa Program at Visa Inc., Bangalore.
- **RF Scholar:** Selected as one of 1.5 lakh members for the Reliance Foundation Scholarship.

Certifications

- **Java Programming** - ORACLE ACADEMY,NPTEL
- **Database Foundations** - ORACLE ACADEMY
- **Communication Skills** - TCS ION

Workshops

- Artificial Intelligence Workshop - JNTUK
- Frontend Development (HTML, CSS, JavaScript)