

Sahithi Aharam

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, AP

Bachelor of Technology Computer Science and Engineering
Specialization in Artificial Intelligence and Machine Learning
Cumulative GPA: 8.48

2021 – present
Amaravati, AP

Relevant Coursework: Artificial Intelligence, Machine Learning, Deep Learning, DSA, OOPS, DBMS, Web Development.

NARAYANA JUNIOR COLLEGE

Intermediate MPC, Cumulative GPA: 9.71

2019 - 2021

Hyderabad, Telangana

DILSUKHNAGAR PUBLIC SCHOOL

School, Cumulative GPA: 9.5

2019

Hyderabad, Telangana

EXPERIENCE

INTRAIN TECH

October 2023 – November 2023

ML Intern

Project: SALES FORECASTING

- Developed an advanced RNN-based time series forecasting system, accurately predicting sales trends for retailers; improved inventory management and reduced stock shortages, enhancing overall operational efficiency.

ETHNUS

August 2023 – November 2023

AWS Solution Architect

Project: CUSTOMER SUPPORT TICKETING SYSTEM

- Created a website that facilitates the management of customer inquiries, issues, and requests utilizing AWS Lambda, Amazon DynamoDB, Amazon S3, AWS SES, SNS, SQS, AWS CloudFormation, and Amazon CloudWatch.

PROJECTS

UNVEILING SENTIMENTS IN POLITICAL SPEECHES | Bootstrap, Python, Flask, NLTK, Scikit-learn

November 2023

Developed an AI-based system to analyze sentiments in political speeches using NLP techniques.

- Designed a responsive interface for speech input and sentiment display.
- Implemented sentiment analysis with Python (NLTK, Scikit-learn) and Flask for backend integration.
- Enabled a subscription model for delivering sentiment analysis report

DRIVE TO DESTINY | HTML, PHP, CSS, SQL, Java Script

April 2024

Developed and deployed a job-matching platform with the following features:

- Job Matching: Linked job seekers with customized opportunities.
- Employer Interaction: Enhanced employer engagement.

PARKINSON'S DISEASE DETECTION | Python, Firefly Algorithm, ML Algorithms & Voting Classifier

November 2024

Developed and deployed a machine learning model for Parkinson's disease detection with the following features:

- Feature Selection: Optimized feature selection using the Firefly Algorithm for improved model accuracy.
- Ensemble Learning: Integrated classifiers like SVC, Decision Tree, MLP, SGD, and KNN.
- Voting Classifier: Combined predictions from multiple classifiers for enhanced diagnostic reliability.
- Performance Evaluation: Assessed model performance using accuracy, precision, recall, F1-score, and confusion matrix.

SKILLS

Technical Skills: Python, SQL, HTML, CSS, JS.

Frameworks: NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, NLTK, JQuery, React, Node, Tableau.

Certification: Externship Program on Artificial Intelligence and Machine Learning powered by Google (SMART INTERNZ), 100 Days of Code: The Complete Python Pro Bootcamp by Dr. Angela Yu (Udemy), Machine Learning Crash Course by Google.

The complete Full-Stack Web Development Bootcamp by Dr. Dr. Angela Yu (Udemy), Getting Started with Deep Learning (NVIDIA), Generative AI Explained (NVIDIA).

ADDITIONAL

PUBLICATIONS

- AI, CHATBOTS AND PRIVACY, Futuristic Trends in Social Sciences Volume 3 Book 22, IIP Series, Volume 3, May, 2024, Page no.71-78, e-ISBN: 978-93-5747-412-2.

DIY CLUB VIT-AP: PUBLIC RELATIONS LEAD

August 2022 – June 2023

- I spearheaded communication strategies, coordinated events, and fostered collaborations to enhance the club's visibility and engagement.