

Sai Akhil

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Education

Malla Reddy University

Expected graduation date: Jun. 2025

B.Tech. in Artificial Intelligence and Machine Learning / [Proof of Work](#)

GPA: 9.2/10

Relevant Courses: Artificial Intelligence, Machine Learning, Deep Learning, Probability and Statistics, Data Structures (Python), Data Visualization

Projects

FASHION IMAGE CLASSIFICATION | ML DL | [GitHub Link](#)

Oct. 2022

Developed CNN model with TensorFlow/Keras for fashion image classification, achieving 90.4% accuracy.

- Implemented data augmentation and batch normalization, reducing overfitting by 20% during training.
- Enhanced fashion image classification, achieving 90% accuracy, showcasing practical applications in e-commerce.

MUSIC PLAYER WEBPAGE | HTML CSS JAVASCRIPT | [GitHub Link](#)

Aug. 2021

- Built a sleek music player webpage with HTML, CSS, and JS, offering intuitive controls, responsiveness, custom themes, and interactive audio features.

Writings and Publications

PERSONALITY PREDICTION | ML | [GitHub Link](#) | [Publication Link](#)

Jun. 2023

Academic Project

- Developed a personality prediction system using Big Five traits and machine learning techniques, achieving high accuracy through feature engineering and psychological assessments.
- Employed FactorAnalyzer and Varimax methods for dimensionality reduction and factor analysis, enhancing interpretability and explainability of personality predictions.
- Addressed challenges in data collection, feature selection, and contextual factors to ensure robustness and reliability in personality prediction models, paving the way for practical applications in recruitment and mental health.

Certificates

Hard skills

Sep. 2023

CodeKaze-codingninjas

- Round 1 of Codekaze-Sept'23 and secured spot for Round 2

Xiaomi Ode2code 3.0

- participated in Xiaomi Ode2Code 3.0 organized by Xiaomi India, showcasing coding skills and enthusiasm for technology.

Deloitte Virtual Experience program

- I successfully completed practical tasks in coding, data analysis, development, cybersecurity, and forensic technology, showcasing my diverse skills and experience in these domains.

Skills

Python, C, r language , HTML5, CSS, JavaScript, Data Structures, Data Visualization, MySQL, design analytics, Data analytics, Angular js

Position of Responsibility

ALAN TURING CLUB| Student Coordinator, Malla Reddy University

- Organized hackathons & conducted sessions for 300+ college students on Web Development, Python, C, C++ related topics.

Competative Coding

- 5000+ points earned in coding ninjas by participating on codn | [Coding Ninjas](#)
- 100+ problems solved on data structures | [Code Chef](#)