

Madki Sai Charan

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in madki-sai-charan

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Education

Institute of Aeronautical Engineering, Hyderabad

B.Tech in CSE (AI & ML)

Sept 2023 – Present

CGPA: 9.00/10

Gauthami Junior College, Hyderabad

Intermediate

Jun 2021 – Aug 2023

CGPA: 10/10

Bhashyam High School, Hyderabad

SSC

Jun 2012 – May 2021

CGPA: 10/10

Technical Skills

Languages: Java; Python; MySQL

Frontend: HTML; CSS; JavaScript; React

Backend: Flask; Node.js

Tools: Git; GitHub; VS Code; scikit-learn; Matplotlib; Google Workspace; MS Office

Internships

Diamond Association Bangalore, India

Frontend Developer Intern

May 2025 – Jun 2025

- Revamped the official website using React, HTML, and CSS — improved layout, accessibility, and UX by **40%**.
- Optimized page load time by **25%** through efficient asset management and code refactoring.

Foundations of AI Internship, AICTE & Microsoft (Virtual)

AI & Machine Learning Intern

Apr 2025 – May 2025

- Completed an AI internship covering concepts, applications, and project development.
- Built an employee performance prediction model in Python with **85% accuracy**.

Projects

PraveshPath: Predict Your Future Stream with AI

Jun 2025 – Dec 2025

- Developed a hybrid rule-based and machine learning system in Python, Flask, and React to predict admission eligibility and suggest suitable branches with **95% accuracy**.
- Integrated real-time data validation and preprocessing to ensure accurate and consistent predictions with AI Principles.

CareerSense AI: A Hybrid Intelligence Engine for Smart Career Path Discovery

Nov 2025

- Developed to provide a scaled solution that allot individual potential to longrange goals, enhances decision-making, and as well as career awareness with **92% accuracy**
- incorporates varied user features into one predictive system that provides high-quality, tailored suggestions that increase relevance and user satisfaction.

Employee Performance Prediction using HR Data

Jan 2025

- Developed tan intelligent system that predicts two crucial aspects of employee behaviour: the likelihood of job attrition and the projected performance rating of an employee with **85% accuracy**
- Demonstrates the feasibility and utility of integrating machine learning into workforce analytics.

Certifications

AWS Cloud Foundations — *AWS Academy*

Nov 2025

Artificial Intelligence Fundamentals — *IBM SkillsBuild*

Oct 2025

Certificate on Building LLMs using Prompt Engineering — *Nvidia*

Jul 2025

Certificate on Databricks Generative AI Fundamentals — *Databricks*

Apr 2025

Certificate on Prompt Engineering for Everyone — *IBM*

Apr 2025

Certificate on Introduction to Generative AI — *AWS*

Apr 2025

Certificate on Career Essentials in Generative AI — *Microsoft & LinkedIn*

Feb 2025

Coding Profiles

[LeetCode](#) – 100+ Problems Solved, 2 Badges, Rank: 1,296,090

[HackerRank](#) – 50+ Problems, 1 Badge

[GeeksforGeeks](#) – 130+ Problems Solved, Coding Score: 444

Achievements

Top Contribution Award 2025 — e-DAM

Jan 2025

8.5 Band in IELTS

May 2023

82 Percentile in JEE Mains

Apr 2023

Gold Medal — Level-1 NASO Exam

Mar 2020

Srinivasa Ramanujan Award — Maths Olympiad

Dec 2017