

Shaik Rukhiya Masthani

Location: Kadiri, India

[LinkedIn](#) / [GitHub](#) / [LeetCode/HackerRank](#)

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Professional Summary

Dedicated beginner programmer with a strong interest in software development and problem-solving. Possesses a growing foundation in programming concepts and focuses on writing clean, efficient, and reliable code. Eager to learn new technologies, take on challenges, and contribute to impactful projects while growing into a skilled software developer.

Education

SRM Institute of Science and Technology, Chennai, Tamil Nadu

Bachelor of Technology in Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning

CGPA: 9.07

Duration: 2022 – 2026

Narayana Junior College, Hyderabad, Telangana

Pre-University Course (MPC)

CGPA: 8.79

Duration: 2020 - 2022

Harish E.M. School, Kadiri, Andhra Pradesh

Secondary Education (Class X)

CGPA: 9.8

Duration : 2019 - 2020

Technical Skills

Programming Languages	:	Core Python, Advanced Python, C, HTML, CSS, Data Structures and Algorithms(basic)
Frameworks	:	Django
Databases	:	SQL
Data Visualization Tools	:	Power BI
Cloud	:	Databricks(basic)
Tools & IDEs	:	Visual Studio Code

Soft Skills

Problem-Solving, Communication, Team Collaboration, Adaptability, Time Management, and Critical Thinking.

Projects

Streamlined Online Survey Solution for Seamless Feedback Gathering

- Developed a full-stack survey platform with customizable templates, real-time response tracking, and automated bar-graph visualizations for educators.
- Tech Stack: HTML, CSS, JavaScript, Python, MySQL

AI-Driven Climate Change Modeling and Prediction

- Built machine learning models using TensorFlow and PyTorch to forecast rainfall and temperature trends from historical datasets.
- Tech Stack: Python, Pandas, NumPy, TensorFlow, PyTorch

Doodle Dataset Classifier

- Trained a Convolutional Neural Network (CNN) on 16,000+ hand-drawn sketches, achieving high classification accuracy through preprocessing and feature extraction.
- Tech Stack: Python, TensorFlow, NumPy, Pandas

Certifications

- Artificial Intelligence – [Istop](#)
- French Language – [Certificat De Validation](#)
- Machine Learning – [Great Learning](#)
- Python For Data Science – [Cognitive Class](#)
- Algorithms in C – [Great Learning](#)

Internships

InternPe – Data Science Intern

- Worked on real-world data analysis tasks using Python, Pandas, and visualization tools to extract insights and trends. Gained hands-on experience in data cleaning, feature engineering, and exploratory data analysis (EDA).

SkillForge – Artificial Intelligence Intern

- Developed and implemented AI and machine learning models for predictive analytics and automation use cases. Strengthened skills in Python, TensorFlow, and model evaluation through supervised project-based learning.

Volunteering

- Volunteered as a Physics Teacher at Harish E.M. School, delivering lessons and mentoring students to strengthen their conceptual understanding
- Served as a volunteer at AGAL Foundation, helping special children with academic tasks including reading, writing, and examinations.

Awards & Achievements

- Achieved *State 1st Rank* in the Godavari Hindi Talent Test (Class 10), recognizing excellence in Hindi language proficiency.
- Presented paper “Doodle Classifier Model” at ICNEAI-2025
- Published 3 AI/Tech articles on Medium (XAI, Brain Chips, From Textbook to Toolbox)

Hobbies & Interests

Exploring AI innovations, writing tech blogs, listening to podcasts, Music and Reading Books.