

# Shaik Rukhiya Masthani

Location: Kadiri, India

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

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## Professional Summary

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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

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### **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

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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

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

## Projects

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### 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

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- Artificial Intelligence – [1stop](#)
- French Language – [Certificat De Validation](#)
- Machine Learning – [Great Learning](#)
- Python For Data Science – [Cognitive Class](#)
- Algorithms in C – [Great Learning](#)

## Internships

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### 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

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- 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

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- 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

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