

Shiva Kumar Souta

Hyderabad, Telangana, India

Bachelor of Technology

Computer Science & Engineering (AI & ML)

KG Reddy College of Engineering & Technology

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<https://shivakumarsouta-portfolio.vercel.app/>

Career Objective

I am an engineering student seeking an entry-level position to leverage skills in Python, data analysis, machine learning, and model development. Passionate about applying AI & ML techniques to solve complex problems, improve business outcomes, and contribute to innovative technology solutions.

Education

•Bachelor of Technology in Computer Science & Engineering (AI & ML)

Nov 2022 - Jun 2026

KG Reddy College of Engineering & Technology, Telangana, India

CGPA: 8.75

Experience

•Web Development Intern | I & T Labs – Remote

Dec 2023 – Jan 2024

- Developed and maintained full-stack web applications using HTML, CSS and JavaScript.
- Collaborated using Git/GitHub and implemented version control practices in a team environment.

•Machine Learning Intern | Bharat Intern – Remote

Mar 2024 – Apr 2024

- Built and trained machine learning models to predict trends using Scikit-learn and Pandas.
- Worked on preprocessing and model development.

Personal Projects

•MailMate

Python, Streamlit

AI-powered assistant to respond to emails received.

- Developed AI-powered assistant that drafts email response with customizable tone selection.
- Enabled users to edit draft within the app, eliminating the need to switch to external mail clients like Gmail.

•Movies Recommendation System

Python, ML, Scikit-learn

Content-based recommendation engine using machine learning algorithms.

- Designed and implemented content-based filtering using TF-IDF vectorization and Cosine Similarity.
- Achieved high accuracy in recommendation relevance through feature engineering and algorithm optimization.

•SmartDischarge - Current

HTML, CSS, JavaScript, Flask

Automated hospital discharge summary generation system.

- Develop AI-powered application for automated generation of hospital discharge summaries.
- Streamline healthcare workflow reducing manual documentation time by significant margin.

Technical Skills and Interests

Programming Languages: Python, Java, C

Frameworks & Libraries: Flask, Pandas, Numpy

Databases: MySQL, SQL

Tools & Platforms: Git, GitHub, VS Code, PyCharm, Google Colab, Jupyter Notebook

Areas of Interest: AI & Machine Learning, Data Science, Web Development

Soft Skills: Problem Solving, Self-learning, Team Collaboration, Adaptability, Communication

Certifications

–Python | Coursera

–Python Data Structures | Coursera

–Introduction to Generative AI | IBM & Google

–Oracle APEX | LinkedIn Learning

–Git for Beginners | Udemy

Achievements

–Winner | Ikarus 2023

–Finalist | AI Days 2025

–Participant | AI Hack Day 2025

–Participant | Hackstorm 2025