

# 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