

# Shiva Kumar Souta

Hyderabad, Telangana, India

Bachelor of Technology

Computer Science & Engineering (AI & ML)

KG Reddy College of Engineering & Technology

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GitHub Profile

LinkedIn Profile

Portfolio

## 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 | Certificate – I & T Labs** *Dec 2023 – Jan 2024*  
Hyderabad, India
- Developed and maintained full-stack web applications using Flask, HTML, CSS and JavaScript.
  - Collaborated using Git/GitHub and implemented version control practices in a team environment.
- Machine Learning Intern | Certificate – InternPe India** *Mar 2024 – Apr 2024*  
Remote
- Built and trained machine learning models to predict trends using Scikit-learn and Pandas.
  - Worked on preprocessing and model development.

## Personal Projects

- CropConnectAI** *HTML, CSS, JavaScript, Flask, APIs*  
*Comprehensive farmer-assistance platform with AI-powered features.*
- Created farmer-assistance platform providing real-time crop prices and market information.
  - Implemented voice translation features for enhanced accessibility across language barriers.
- SmartDischarge** *HTML, CSS, JavaScript, Flask*  
*Automated hospital discharge summary generation system.*
- Developed AI-powered application for automated generation of hospital discharge summaries.
  - Streamlined healthcare workflow reducing manual documentation time by significant margin.
- 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.

## Technical Skills and Interests

**Programming Languages:** Python, Java, C

**Frameworks & Libraries:** TensorFlow, Flask, React

**Databases:** MySQL, SQL

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

**Data Science & Visualization:** Pandas, NumPy, Matplotlib

**Concepts:** Object-Oriented Programming (OOP), REST APIs, Data Structures & Algorithms

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

**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 | Hackstorm 2025
- Participant | AI Hack Day 2025