SRIYA KOTAGIRIWAR

Aspiring Software Engineer | Python, Web & Full-stack Development

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Linkedin | LeetCode | GitHub | HackerRank

ABOUT

Energetic and self-driven Computer Science Engineer with experience in real-time web application development and full-stack platforms. Skilled in Python, core computer science fundamentals with strong foundations in OS concepts, data structures, and OOPs.

EDUCATION

Chaitanya Bharathi Institute of Technology   Gandipet, Hyderabad
B.E. Computer Science and Engineering (*CGPA: 9.87*)   Nov 2022 – Present

EXPERIENCE

Stack Junior | Full-stack Intern   Mar–Jun 2025

Worked on the full design and development of an AI-based Spaced Repetition Web App to make learning more personalized and effective. Built the backend using FastAPI and SQLAlchemy, and handled data with MySQL. Added smart question generation using the Gemini API.

SKILLS

Programming Languages:	Python
Libraries/Frameworks:	React, FastAPI, NumPy, Pandas, scikit-learn, matplotlib
Databases:	MySQL, MongoDB
Tools/Platforms:	Git, GitHub, VS Code
Other:	Problem Solving, Data Structures & Algorithms

PROJECTS

GloNaVox (Link)   *Python, SpeechRecognition, Google Translate API, gTTS*

Built a multilingual speech translation system with four modes: Audio-to-Text, Text-to-Text, Text-to-Audio, and Audio-to-Audio. Supports both real-time and recorded inputs.

AI Spaced Repetition Web App   *React, FastAPI, MySQL, Gemini API*

Designed a personalized learning platform using a spaced repetition algorithm. Provided AI explanations and immediate feedback to enhance retention.

Email Automator (GitHub)   *Python, smtplib, Automation*

Built reliable bulk-email backend system, reducing 95% manual effort. Automated sending personalized emails with templates, and contact integration.

Lead Conversion Prediction Model – ExtraLearn Startup (Prediction)   *Pandas, Scikit-learn*

Developed ML models for ExtraaLearn to predict lead conversion, prioritizing recall to maximize true positive capture. Preprocessed data (outlier handling, one-hot encoding) and analyzed key factors. Trained Logistic Regression, SVM, Decision Tree, and Random Forest models, boosting recall from 62%→75% and achieving 86% accuracy through threshold tuning and pruning.

ACHIEVEMENTS

- Chair of IEEE Computer Society CBIT leading technical initiatives and organizing events.
- Secured TS EAMCET Rank of 477 and JEE MAINS Percentile-98.5%.
- Received two Merit Certificates for academic excellence in engineering.
- Solved 700+ problems on leetcode.

CERTIFICATIONS

- **Software Engineer Intern** – Hackerrank
- **Python Internship** – Infosys Springboard
- **Python Young Professional** – Infosys Springboard
- **Web Development in React.js** – Coursera
- **Python (Basic)** – HackerRank