

SRIYA KOTAGIRIWAR

Software Engineer | Full-stack Developer | ML engineer
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Linkedin | **LeetCode** | **GitHub** | **HackerRank**

ABOUT

Results-driven Computer Science Engineer (CGPA 9.87) with hands-on experience in full-stack and ML application development. Built production-grade systems serving 200+ users and automated workflows saving 95% manual effort.

EDUCATION

Chaitanya Bharathi Institute of Technology

B.E. Computer Science and Engineering (CGPA: 9.87)

Gandipet, Hyderabad

Nov 2022 – Present

RELEVANT COURSE WORK

Data Structures & Algorithms, Operating Systems, Computer Networks, Database Management Systems, Machine Learning, Object oriented programming

TECHNICAL EXPERIENCE

Stack Junior | Full-stack Development Intern

Mar–Jun 2025

Built AI-integrated Spaced Repetition Web App using FastAPI and MySQL, improving query speed by 40% through optimized database indexing and caching. Automated personalized learning workflows via Gemini AI, reducing duplicate content by 85% and enhancing user retention.

TECHNICAL SKILLS

Programming Languages:	Python, Java (Basic)
Tools and Frameworks:	FastAPI, React, REST APIs, Git, GitHub, VS Code
Operating Systems:	Linux, Windows
Database Systems:	MySQL, MongoDB, SQL query optimization

KEY PROJECTS

AI Spaced Repetition Web App

React, FastAPI, MySQL, Gemini API

Architected and deployed a personalized study platform serving 200+ users. Integrated Gemini AI for intelligent question generation and designed SQLAlchemy ORM models achieving 40% faster queries.

GloNaVox - Multilingual Translation System (GitHub)

Python, SpeechRecognition gTTS

Built scalable speech translation system with four operational modes supporting real-time and batch processing. Implemented clean, modular architecture with API integrations for enterprise-level translation services

Email Process Automation System (GitHub)

Python, smtplib, TCP/IP protocols

Automated bulk email operations with scheduling, templating, and contact management features.

Applied systems-level programming using SMTP protocol and TCP/IP communication

Lead Conversion Prediction - ExtraaLearn (Model)

Pandas, Scikit-learn, Machine Learning

Developed ML solution for business process optimization, improving lead conversion prediction accuracy to 86%. Implemented data preprocessing, model training, and performance tuning to solve real business challenges. Improved ML model recall by 21% through data-driven threshold tuning.

LEADERSHIP & RECOGNITION

- **Chair, IEEE Computer Society CBIT** - Leading technical initiatives and engineering event coordination
- **Academic Excellence** - TS EAMCET Rank 477, JEE MAINS Percentile 98.5%, Two Merit Certificates for engineering excellence
- Solved 700+ problems on LeetCode demonstrating strong algorithmic problem-solving skills

PROFESSIONAL CERTIFICATIONS

- **Software Engineer Intern** – HackerRank
- **Python Young Professional** – Infosys Springboard
- **Python Programming** – HackerRank

Ready to contribute to Google's internal business applications development and enterprise solution implementation