

LOKE VIJAYSAI

PYTHON + FULL STACK DEVELOPER | (AI/ML) & (LLM) INTEGRATION

@ lokevijaysai@gmail.com +91-7989061793 Karimnagar,TG,India [linkedin.com/in/Vijay-sai-loke](#)
github.com/Lvijaysai

PROFESSIONAL SUMMARY

Computer Science graduate specialized in AI/ML and full-stack development, skilled in building scalable applications and optimizing performance. Delivered projects with 90%+ efficiency improvements, 30% latency reduction, and supported 100+ concurrent users. Microsoft-certified in Azure, DevOps, and Security. Seeking opportunities in software engineering, AI/ML, and cloud-based development.

EXPERIENCE

Software Engineer Intern (Frontend & Backend)

AgenticPrompt.tech

Jul 2025– Aug 2025 Remote

- Engineered AI-integrated Learning Management System using **React (frontend) and Django (backend)** with **LLM-powered** features.
- Collaborated with teaching teams and Sathya Sai Organization to deliver ethical-AI educational tools for student training.
- Integrated educational content into **Docusaurus-based platform** and deployed interactive UI components.
- Improved system usability scores by 20% through optimized UI flows and testing.

PROJECTS

Quiz Scores Analysis Using Django

- Developed a **Django-based web application** for automated quiz score analysis and dynamic result generation.
- Achieved **90% reduction** in manual calculation effort while maintaining **100% accuracy** during testing.
- Scaled system to support 100+ concurrent users with optimized database queries and caching.
- Tech stack: Django, Python, SQL

LangChain ChatBot

- Achieved **90% retrieval accuracy** using vector-based document search and semantic matching.
- Reduced response latency by 30% through embedding caching and query optimization.
- Processed **150+ user queries** with natural conversational flow and context awareness.
- Integrated **OpenAI API & LangChain** for AI-powered chatbot responses.
- Tech stack: Python, LangChain, OpenAI API, Vector DB

Typing Speed Tester

- Built interactive typing assessment tool with random-paragraph generation, achieved **>95% scoring accuracy**.
- Reduced reset time by 40% via optimized DOM manipulation and modular MVC architecture.
- Tech stack: JavaScript, HTML, CSS

SKILLS

- Languages:** Python, Java, JavaScript
- Frontend:** HTML/CSS, React
- Backend:** Flask, Django
- Databases:** SQL, MongoDB
- Cloud/DevOps:** Git, Docker, Azure, CI/CD pipelines
- AI/ML:** OpenAI API, LangChain, vector Databases
- other:** Agile, teamwork, problem-solving

CERTIFICATIONS

Microsoft Azure AI Solution, 2025

Microsoft DevOps Solutions, 2025

Microsoft Azure Security Technologies, 2025

Web Development and Designing Internship, Oasis Infobyte, 2023

EDUCATION

B.TECH (Computer Science and Engineering (AI || ML))

VAAGESWARI COLLEGE OF ENGINEERING

2020-2024 Karimnagar, TG

Telangana State Board Of Intermediate Education

SRI GAYATRI JUNIOR COLLEGE

2018-2020 Karimnagar

Secondary School Certificate

SR DIGI HIGH SCHOOL

2017-2018 Karimnagar