

SAI LAKSHMI PRIYA

Software Developer | Python | React | FastAPI

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Professional Summary

Versatile software developer with 1+ years of experience across the full development cycle, from frontend to backend. I build intuitive React interfaces and scalable backend services using Python and FastAPI. My work spans the entire application lifecycle, including LLM integration, Docker-based containerization, and AWS deployment. I enjoy collaborating with teams and focus on delivering efficient, reliable full-stack solutions.

Technical Skills

Programming Languages: Python, JavaScript, HTML, CSS, TailwindCSS, Typescript

Frameworks & Libraries: FastAPI, React.js, Node.js

AI & Machine Learning: LLM Integration, OpenAI API, Token Optimization, Deep Learning, TensorFlow

Databases: PostgreSQL, MySQL

Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, CI/CD, Vercel

Developer Tools: Git, Github, Visual Studio Code

Professional Experience

Software Developer | Trangla - Dec 2024 – Present | Hyderabad, Telangana

- Built responsive React UIs with reusable components for consistent UX.
- Developed FastAPI backends in Python, supporting 10k+ daily requests.
- Integrated OpenAI LLMs and optimized prompts to cut costs by 30%.
- Containerized apps with Docker and deployed scalable workloads on AWS.
- Designed PostgreSQL schemas and integrated APIs with React frontends.

Web Developer Intern | DVsoft - Jul 2024 – Nov 2024 | Guntur, Andhra Pradesh

- Built and styled 5+ responsive components using HTML, CSS, and JavaScript, improving UI consistency across projects.
- Integrated FastAPI endpoints with the frontend to display dynamic data like products and user details.
- Worked in an Agile team, participating in stand-ups, code reviews, and sprint planning.

Projects

AI-Powered Customer Support Chatbot (Trangla)

Tech Stack: Python, FASTAPI, OpenAI API, Docker, PostgreSQL

- Built a FastAPI backend to power an intelligent chatbot for an e-commerce platform.
- Integrated the OpenAI API to automate about 80% of common customer queries with natural, accurate responses.
- Tuned performance to sub-400 ms response times and deployed the service as a Dockerized app on AWS.

Real-Time Data Analytics Dashboard (Trangla)

Tech Stack: React.js, FASTAPI, PostgreSQL, AWS

- Contributed to a full-stack analytics dashboard, building React components to visualize real-time business data.
- Developed secure FastAPI endpoints to stream data efficiently from PostgreSQL to the frontend.
- Added filtering and sorting features so users could explore large datasets and generate reports with ease.

RamaChandra Brothers Webpage (DVSoft)

Tech Stack HTML, CSS, TailwindCSS

- Designed and developed a responsive static website to showcase company information, services, and product details.
- Created a user-friendly layout that improved customer engagement and provided a clear, professional web presence.

Corn Leaf Disease Detection (Accademic Project)

Tech Stack: Deep Learning, Python, TensorFlow, InceptionV3

- Built and trained a deep learning model using **InceptionV3** and **TensorFlow** to classify corn leaves into Blight, Rust, Gray Leaf Spot, and Healthy categories.
- Achieved 94% accuracy in image classification, providing a tool for early and automated detection of plant diseases.

Education

Bachelor of Science, Computer Science (2021 – 2025)
Intermediate (2019 – 2021)

Certifications

- Microsoft Certified: Azure Administrator Associate
- Python FullStack Internship - Purple Technologies
- Certified Web Development Internship - DVsoft