

Surya Prakash Gadi

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Professional Summary

Aspiring Software Engineer with hands-on experience in backend development using **Python** and **FastAPI**, along with Python libraries. **6 months of experience in SaaS-based** application development with expertise in scalable architectures, cloud services, and AI-driven development workflows. Passionate about leveraging modern tools and technologies to solve real-world problems.

Skills

Backend | Python, Java, FastAPI, Django

Frontend | HTML, CSS, React.js, Shadcn/UI

Databases | SQL, PostgreSQL, SQLite3, MongoDB

Tools | Git, GitHub, Postman, Figma, Jira, DigitalOcean

Soft Skills | Problem Solving, Team Collaboration, Time Management

Experience - Internship

Software Developer Intern | Kapil IT Solutions

May 2025 – Present

- **Ramya Constructions:** A secure real estate website with **Cashfree Payment Gateway** integration and optimized backend workflows for transaction handling.
- Implemented **Cashfree Webhooks** to receive and process real-time transaction updates, improving payment tracking accuracy.
- **RishiKrishi System:** Designed and implemented a **multi-tenant agricultural management system** using FastAPI and PostgreSQL schemas for isolated tenant operations.
- Developed a unified admin dashboard and tenant-based access control system, improving scalability and maintainability.

Education

Kakinada Institute of Engineering & Technology, Andhra Pradesh

Nov 2021 – Apr 2025

• **B.Tech** in Computer Science | CGPA: **7.65/10**

• **Coursework:** DBMS, Data Structures, Operating Systems, Computer Networks, Web Development

C.V. Raman Junior College, East Godavari, Andhra Pradesh

Jun 2019 – Apr 2021

• **Intermediate (M.P.C)** with Percentage: **73%**

Personal Projects

Quizzzy – Online Quiz Application (GitHub)

React.js, FastAPI, PostgreSQL

- Developed a full-stack online quiz platform where users can attempt quizzes, track scores, and view leaderboards.
- Implemented secure user authentication and dynamic quiz generation using FastAPI and PostgreSQL.
- Built an interactive front end using React.js with real-time feedback and timer-based controls.

Mail Easy – Chrome Extension (GitHub)

React.js, OpenAI API

- Built a Chrome extension that auto-generates personalized job messages using resumes and job descriptions.
- Utilized OpenAI API for smart text generation and React.js for an intuitive UI.

Human Pose Estimation (GitHub)

Python, OpenCV, Mediapipe

- Developed a real-time human pose estimation system using Python and computer vision techniques.
- Implemented keypoint detection with OpenCV and TensorFlow to analyze human body movements.

Achievements & Certifications

- **Devpost Aviation Hack 2023:** Won with *Fly With Us*, a Django-powered platform for real-time flight updates.
- **AI-THON (KIET College):** Secured 3rd place for developing Python-based AI solutions.
- **Programming in Python – Edyst**
- **Web Full Stack Development – Eduskills**
- **Introduction to AI Fundamentals – IBM**