

KESHAV PODDAR

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Summary

Python Developer with **2+** years of experience in building scalable backend systems using **Flask** and **Python**. Proficient in designing **RESTful APIs**, integrating databases, and implementing real-time data processing solutions. Experienced with distributed systems, API-driven architectures, and performance optimization to ensure high reliability and efficiency.

Skills

Backend: Python (OOP), Flask, REST API development

APIs & Communication: RESTful APIs, Swagger, JSON, XML, Postman

Databases: MySQL, Redis

DevOps: Git, GitHub, Jenkins, Docker

Tools & Workflow: VS Code, Linux, Maven, Agile, JIRA

Frontend (Basic): HTML, CSS, JavaScript (Vanilla)

Work Experience

UPAJ AI Solutions Pvt. Ltd. | Software Engineer

Dec'23 - Feb'25

- Built a **dynamic farm report system** using **Flask**, **RabbitMQ**, and **Redis** for real-time processing and scalable **API-driven** reporting.
- Developed **Python scripts** to automate satellite image retrieval, processing, and analysis, generating heatmaps and actionable insights through a scheduled workflow.
- Developed **Weather Forecasting APIs** using 10 years of data and custom predictive logic in Python to generate accurate 30-day forecasts for temperature, wind, and pressure.
- Developed a **client-facing API wrapper** that exposed a curated list of APIs based on client requirements, ensuring seamless data access and integration.

Engagedly Software India Pvt. Ltd. | Software Engineer Trainee

Nov'22 - Jun'23

- Acquired hands-on experience with **Ruby on Rails**, developing and maintaining **backend functionality**. Built efficient **internal APIs** to support seamless integration and enhance system performance, contributing to streamlined workflows and robust application architecture.
- Developed custom interactive buttons for **website UI** using **JavaScript**, implementing tailored logic to enhance user experience and functionality. Focused on creating intuitive, **responsive** elements that seamlessly integrate with the overall design and backend systems.

Cognizant Technology Solutions Pvt. Ltd | Programmer Analyst Trainee

May'22 - Sep'22

- Gained foundational knowledge of Informatica, including its core concepts, ETL processes, and data integration techniques. Familiar with basic workflows and data transformation tasks for efficient data management.

Problem Solving & Competitive Programming

- Solved **200+ DSA problems** on LeetCode, GeeksforGeeks.
- Strong grasp of algorithms, data structures, and system optimization.
- Regular participant in coding contests and hackathons.

Education

UNIVERSITY OF ENGINEERING AND MANAGEMENT, KOLKATA

2018 - 2022

- Bachelor of Technology (B.Tech) in Computer Science | CGPA : 9.2/10