

KESHAV PODDAR

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Summary

Software Development Engineer with **2+ years** of experience in building scalable **backend systems**, designing **APIs** and **optimizing performance**. Skilled in real time data processing and distributed systems to enhance reliability and efficiency.

Skills

Java | Python | JavaScript | NodeJS | SQL | MongoDB | MySQL | Redis | RabbitMQ | Docker | Git

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 a **Python script** 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

ASSEMBLY OF GOD CHURCH SCHOOL, KOLKATA **2017 - 2018**

- ISC (Class XII), Aggregate : 83%

ST. HELEN'S SCHOOL, KOLKATA **2015 - 2016**

- ICSE (Class X), Aggregate : 90%