Keshav Poddar

Software Engineer

Results-oriented software engineer with a strong **problem-solving mindset** , a quick learner, and a passion for creating **efficient and reliable** software solutions. Experienced in **backend development** using Flask framework and proficient in **Python** , delivering **high-quality** software products. Skilled in **data structures, algorithms** , and **efficient coding practices** . Collaborative team player with a track record of delivering **exceptional results** .

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☎ 8240952477

📍 Gurgaon, India

SKILLS

Programming Languages : Python with Flask , Java

Database: SQL

Data Structures and Algorithms

HTML,CSS,JS

Git,Bitbucket   Linux

LANGUAGES

English:
Full Professional Proficiency

Hindi: Native
Full Professional Proficiency

Bengali
Full Professional Proficiency

INTERESTS

Coding   Sports

Travel   Gaming

EDUCATION

Bachelor of Technology in Computer Science and Engineering
University of Engineering and Management, Kolkata

06/2018 - 07/2022   *DGPA: 9.16*

Courses
- Relevant coursework: **Data Structures, Algorithms, Software Engineering.**

WORK EXPERIENCE

Software Engineer
Absolute (UPAJ AI)

12/2023 - Present

Achievements/Tasks
- Developed **farm report generation** system using **Python**, leveraging **RabbitMQ** for producer-consumer messaging to handle multiple concurrent requests. Implemented **Redis caching** to store and retrieve data efficiently, ensuring high performance and scalability.
- Utilized Python programming to develop scripts according to specified methodologies for the prediction of rainfall, temperature, and wind patterns over a **30-day forecast period**.
- Contributed to a **satellite imagery** download project, automating the retrieval of Sentinel satellite data. Designed and implemented a **preprocessing pipeline** to extract significant data for analysis, streamlining the process for continuous, efficient use.
- **Optimized** the data retrieval process to selectively download only essential information from the source, reducing **data usage by 40%** and saving 3**0% of storage space**, thus significantly conserving system resources.
- Integrated existing APIs as a wrapper for a third-party seller, customizing the API exposure to meet specific client requirements and ensuring seamless communication between systems

Trainee Software Engineer
Engagedly Software India Private Limited

09/2022 - 06/2023

Achievements/Tasks
- Develop and write code for **product enhancements** and **backend operations**
- Collaborate with the team to identify and resolve **software bugs** and issues
- Conduct **code reviews** and suggest improvements for better code quality
- Work closely with product managers to understand **requirements** and deliver solutions on time

Programmer Analyst Trainee
Cognizant Technology Solutions India

02/2022 - 09/2022

Achievements/Tasks
- Completed training in **SQL, Data Warehouse, and Informatica**
- Collaborated with **cross-functional teams** to implement software solutions
- Assisted in **troubleshooting** and resolving technical issues
- Participated in **design discussions** and provided input for software architecture