RAHUL MALAKAPPA HIRAGOND
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MIT | Academy of Engineering
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

BRIEF SUMMARY

Backend Developer with hands-on experience in designing and optimizing RESTful APIs, microservices, and scalable backend systems. Skilled in Python, Django Rest Framework, PostgreSQL, Redis, and managing asynchronous tasks with Celery. Proficient in API performance optimization, reducing response times significantly, and integrating third-party APIs for seamless functionality. Experienced in taking ownership of critical modules, solving complex problems, and delivering reliable, bug-free solutions on time.

KEY EXPERTISE

Python   PostgreSQL   OOPs   Creative Problem Solving   Django Rest Framework   Redis   Celery   Git   Github

EDUCATION

MIT Academy of Engineering, Pune   2021 - 2025
B.Tech. - Computer Science and Engineering | CGPA: **8.90 / 10**

Shri Ramrav VidyaMandir and junior college Jath, Sangli   2021
12th | MSBSHSE | Percentage: **91 / 100**

Shri Mahadev Vidyalay jath, Sangli   2019
10th | MSBSHSE | Percentage: **88 / 100**

INTERNSHIPS

Bynry Inc. | Technology   01 May, 2024 - Present
Backend Developer

Key Skills: Python   Redis   PostgreSQL   Django Rest Framework   Postman   Celery Beat   Celery   Javascript

1. Optimized API Performance: Reduced average API response time from 30 seconds to under 1 second by writing efficient SQL queries and implementing caching mechanisms using Redis.

2. Designed Microservice Architecture: Built a microservice to store and manage activity logs, separating audit logs from business logs for improved log tracking and analysis.

3. Integrated Third-Party APIs: Developed asynchronous workflows using Celery and Cron to fetch and store daily meter readings, enhancing the system's scalability and efficiency.

4. Module Ownership: Took full ownership of the company's billing module, resolving critical issues and delivering a robust, bug-free solution on time after comprehensive testing.

5. Technical Expertise: Gained expertise in Python, Django Rest Framework, Redis, PostgreSQL, Celery, and API testing with Postman, while efficiently managing background tasks and system scalability.

PROJECTS

Inspire the Art   01 Jan, 2024 - 11 Mar, 2024
Team Size: 1

Key Skills: Django Rest Framework   Python   MongoDB   postman   Javascript

A dynamic platform that empowers artists to showcase and monetize their work. The website facilitates the upload of artworks for public viewing, purchase, or donation. Key responsibilities included designing robust backend architecture, integrating a secure payment system, and ensuring seamless user experience.

Result Analysis System   14 Jan, 2023 - 01 Dec, 2023
Team Size: 3

Key Skills: Django   Python   PostgreSQL   Bootstrap   Javascript

Project Link: https://github.com/rahul4507/Result-Analysis-System

Designed and developed a platform for in-depth student assessment. Provided key insights and statistics for comprehensive understanding of results. Handled both frontend and backend development.

ACHIEVEMENTS

- I have achieved a 3-star rating on the CodeChef platform, demonstrating proficiency and success in solving algorithmic and programming challenges. My commitment to continuous learning and problem-solving has contributed to this accomplishment.

ASSESSMENTS / CERTIFICATIONS

Mastering Data Structures and Algorithms using C and C++

Aggregate: 85 / 100

Key Skills: C   C++   Creative Problem Solving   Data Structures

IBM Full Stack Software Developer

Aggregate: 90 / 100

Key Skills: Github   python   Django   Sql   PostgreSQL

WEB LINKS

- Codechef - https://www.codechef.com/users/rahul5670
- Github - https://github.com/rahul4507
- Twitter - https://x.com/rahul7937
- Other - https://leetcode.com/rahul4257/