Manjeet

Backend Developer

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Backend Developer with 1 year of experience in Python, Django REST Framework, Java, and Spring Boot, skilled in MySQL and PostgreSQL. Adept at leveraging Generative AI and delivering high-quality results in fast-paced environments.

EXPERIENCE

Backend Developer   Bengaluru

Esmagico Tech Studio   Oct, 2023 - Present

- **Migrated Large-Scale User Data**: Conducted a migration of over 100,000 users from a legacy client website database (PHP-based) to our application's database. Utilized data dumps, refined records to correct inconsistencies, and ensured data integrity in alignment with modern data standards.
- **API Performance Optimization**: Enhanced API response times from 15-20 seconds to between 100ms and 1.5 seconds by implementing pagination, leveraging Redis for in-memory caching, and minimizing database calls through strategic data pre-fetching.
- **Efficient Notification System Development**: Optimized the notification API, reducing delivery time for over 100,000 users from 5-6 hours to approximately 6-7 minutes. Leveraged cron jobs and Celery for asynchronous task execution, ensuring no disruption to app performance.
- **Data Synchronization Between Systems**: Developed synchronization APIs to facilitate seamless data exchange between the application and client website databases, ensuring data consistency across platforms.
- Worked on these tech stacks Python, Django REST Framework, MySQL, PostgreSQL, Redis, AWS (including EC2 instances).

EDUCATION

Full Stack Web Development   Bengaluru

Masai School   Sep, 2022 - Oct, 2023

- Web-Development
- DSA

Bachelor of Technology   Delhi

Delhi Technical Campus   Aug, 2016 - May, 2020

- Mechanical Engineering

PROJECTS

Medico Life Partner(Matrimony App)

Python | Django Rest Api Framework | Postgres | Redis | Git | AWS | EC2
Led backend development, migrating 100,000+ users from a legacy database, optimizing API response times by 95%, and enhancing notifications with Celery. Developed synchronization APIs and core features, including user authentication and search, to improve user experience.
https://play.google.com/store/apps/details?id=com.medicolifepartner.medico

Driver Drowsiness Detector

HTML | CSS | JavaScript | Teachable Machines
Implemented a feature that plays a horn sound when the driver exhibits signs of sleepiness using Teachable Machines.
https://heroic-duckanoo-fc2636.netlify.app/

SKILLS

Python, Django Rest Framework, Java, Java Frameworks: Spring, Hibernate, JDBC, Java - Springboot, Postgresql, Mysql, Redis, Celery Task Scheduler, Cron jobs and Queues, Git / Github, Docker Basic, Basic knowledge about CI/CD using Jenkins.