

Monika Kumari

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EDUCATION

BE Computer Science
CHANDIGARH UNIVERSITY

Mohali, Punjab | Jun 2022

WORK EXPERIENCE

GSA TECH WORLD PVT LTD | PYTHON DEVELOPER

Bangalore | June 2023 – June 2024

- Directed the creation of RESTful API for cutting-edge initiatives, like the Fitness App, using **Django, DRF** and **PostgreSQL** to ensure seamless integration and enhanced features and robust database management.
- Implemented optimization strategies for RESTful API performance, achieving a **40%**. Conducted rigorous testing and code reviews to ensure code quality and reliability, reducing post-deployment issues by **50%**.

RANESO GLOBAL PVT LTD | SOFTWARE DEVELOPER

Ranchi | Dec 2022 – Feb 2023

- Leveraged **PHP, Yii2, Javascript, jQuery**, and **Bootstrap** in crafting web solutions, highlighting adeptness in seamlessly integrating diverse technologies for enhanced functionality and user experience.

APPTUNIX TECHNOLOGIES PVT LTD | PYTHON DEVELOPER

Mohali | Jan 2022 - Sep 2022

- Spearheaded REST API development for websites like Bancreach and Astore, employing **Django, Django Rest Framework** for seamless integration, resulting in a **35%** increase in data retrieval efficiency.
- Specialized in retrieving and mapping data from **Third-party APIs** to our own, storing it in our database, which streamlined data integration by **40%**.

PROJECTS

FITNESS APP 

DJANGO REST FRAMEWORK, SQL, POSTGRESQL, POSTMAN

- Led development of a secure fitness platform with OTP phone verification for user onboarding.
- Engineered a seamless multi-step signup process and token-based authentication for enhanced security.
- Implemented exclusive super admin controls for plan status updates and workshop creation, improving operational efficiency by **30%** through streamlined communication and feedback resolution.
- Developed a centralized repository for fitness content including training videos and articles. Implemented a reporting system tracking active users and purchased fitness plans, resulting in a **15%** increase in positive user reviews.

STARMAKERS APP 

DJANGO REST FRAMEWORK, POSTGRESQL, SQL, POSTMAN

- Designed and implemented robust user authentication mechanisms and data encryption protocols to ensure privacy and confidentiality, achieving a **30%** reduction in security incidents.
- Created a feature facilitating remote collaboration among artists, enhancing community engagement within the app.
- Optimized performance, resulting in **40%** faster load times and enhanced overall app responsiveness.

IMAGE TEXT EXTRACTION AND DATA STORAGE 

PYTHON, PYTESSERACT, PANDAS LIBRARY

- Created an automated solution to extract text from images, reducing manual effort and enhancing efficiency.
- Implemented a systematic storage mechanism to enhance data processing capabilities, enabling easy access and analysis of extracted text.
- Incorporated features to display extracted data in the terminal, facilitating quick verification and validation.

ONLINE FOOD ORDERING APP 

DJANGO, DJANGO REST FRAMEWORK, POSTGRESQL, POSTMAN

- Utilized Django to create a scalable backend system. Integrated Django Rest Framework for efficient RESTful API communication.
- Ensured secure user authentication and implemented authorization controls using JWT tokens.

SKILLS

Languages: Python, SQL, C++, JS

Frameworks: Django, Django Rest Framework, Yii2

Tools: Postman

Databases and Cloud Services: PostgreSQL, MongoDB, AWS

Expertise: Web Scraping