

DEEPAK SINGH RATHORE

Software Developer

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EDUCATION:

SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA MP | 2019 - 2023

Computer Science and Engineering , BTech CGPA :- 8.05

SKILLS:

- Python
- Django
- Django Rest Framework
- ORM
- PostgreSQL
- SQL Alchemy
- Strawberry GraphQL
- Pandas
- Numpy
- Celery
- Redis
- Docker
- Requests
- Selenium
- Bs4
- HTTPx

WORK EXPERIENCE:

BLOOPRINT | E-COMMERCE

Software Developer | June 2023 - Present

BLOOPRINT-ANALYTICS WEBSITE

Developed the backend of Blueprint-Analytics from scratch using Django Rest Framework, implementing robust authentication, task distribution, caching, and containerization solutions.

- Designed and implemented 20+ RESTful APIs using Django Rest Framework, improving backend scalability by 40%.
- Integrated JWT authentication system, enhancing user login security and reducing unauthorized access by 30%.
- Utilized Celery for scheduling tasks and processing runtime-consuming operations in the background, achieving a 50% reduction in response times for heavy tasks.
- Utilized Docker to containerize the application, resulting in a 25% reduction in deployment time and consistent environment replication.
- Enhanced data transaction performance by 35% with Strawberry GraphQL, improving overall application responsiveness.
- Managed and maintained a PostgreSQL database with all amazon and flipkart seller and ads records , ensuring data integrity and high availability.
- **Utilized robust tools:** Django Rest Framework, JWT, Strawberry GraphQL, Celery, Redis, Docker, PostgreSQL

FACE RECOGNITION ATTENDANCE SYSTEM

Built Face Recognition for Student Attendance from scratch, Achieved 95% Accuracy. The Faculty has the permission to take Attendance and add students.

- Developed 6 essential features including Login, Logout, Attendance Taking, Student Addition, Student Details Modification and Multiparameter Search.
- **Leveraged powerful tools:** Face Recognition library, Django, Numpy, OpenCV, HTML, CSS, Bootstrap, and SQLite-3

JBL PRICE SCRAPER & STOCK CHECKER

Developed and integrated a Location-Based Stock Checker for JBL products, utilizing geolocation to provide real-time stock availability information; reduced out-of-stock instances by 25% and enhanced customer satisfaction.

- Established a scraping tool using Selenium, HTTPx, and APIs to retrieve JBL product prices across platforms.
- Implemented location-based stock availability checks, enabling real-time data retrieval for informed consumer decision-making.

BUSINESS AND MARKETING ANALYSIS

Automated data extraction and analysis from Amazon and Flipkart seller portals and ads/marketing portals using Selenium and other tools. Provided data-driven insights and recommendations, leading to a significant increase in sales effectiveness.

- Automated data extraction from Amazon and Flipkart using Selenium, requests, HTTPx, and BeautifulSoup.
- Downloaded and analyzed reports with Pandas and NumPy, summarizing key insights.
- Improved ad performance by 30% through data-driven recommendations.
- Summarized campaign data to support informed decision-making.