Rishikesh Dubey

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Skills

Languages: Python, JavaScript, NOSQL, SQL.
Frameworks: Django, Node.js, React.js, FastAPI, Redis. Kafka, Postgresql, AWS
Tools: Git, Docker, Selenium, Pandas, RESTful APIs, pytest
Others: Data Structures and Algorithms,OOPs,Micro-Service, Computer Networking

Experience

Software Engineers   *Redhill, UK*
Newpage Solutions   *Jan 2022 – April 2022*

- Developed and maintained automation scripts using Python and Selenium to streamline web-based testing and data extraction processes.
- Automated data processing with Python, reducing manual workload by 50%.
- Designed and executed automated workflows, integrating various tools to optimize repetitive tasks and increase overall productivity.

Software Engineer Intern   *Mumbai, India*
Inventa Digitech   *August 2024 – Present*

- Assisted in developing and maintaining automated CI/CD pipelines using Jenkins and Team City for containerized applications. Worked on improving deployment efficiency with Python scripting and containerization techniques using Docker.
- Reduced deployment time by 30% through optimized automation scripts.
- Supported implementation of Docker environments, improving team productivity.

Projects

Tech-Rooms, Python, Django, SQLite   *Github* ↗

- Engineered a robust Full-stack group-chat application using Monolithic architecture and implementing advanced CRUD functionalities; achieved seamless user experience and reduced server response time by 25%
- Successfully integrated WebSocket technology to enable real-time chat functionality on the website.
- Incorporated robust security measures to safeguard user data and ensure the confidentiality of chat conversations.
- Designed robust RESTful APIs for various functionalities, boosting the website's scalability and improved overall system flexibility in adapting to customer needs.
- Crafted an intuitive and user-friendly user interface.
- Utilized data indexing strategies, leading to a 15% improvement in overall database performance

E-commerce, Python, Django, Postgresql   *Github* ↗

- A Full-stack ecommerce website with CRUD functions and authentication.
- Utilized Django REST Framework to create endpoints for seamless communication between front-end and back-end components.
- Successfully integrated Razorpay API, providing seamless and secure online payment options for customers
- Improved checkout experience, resulting in a 15% increase in successful transactions.
- Optimized SQLite database queries, reducing page load times by 20%.

Job Recommendation system, Research Project   *Github* ↗

- Conducted research on the rising importance of online job portals and the need for advanced intelligent recommendation systems.
- Developed a novel approach to job recommendation systems, focusing on tailored employment suggestions for individuals.
- Explored content integration techniques to enhance the accuracy and relevance of job recommendations

Education

Coventry University (Upper second class)   *Sept 2022 – Sep 2023*
Masters in Computer Science
Thakur college of science and commerce (First class)   *June 2018 - May 2021*
Masters in Computer Science