Chinmay Raiker

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Technical Skills

Languages: Python, JavaScript, TypeScript, SQL

Framework and Libraries: Django, Flask, Pandas, Django REST Framework, React, Three.js

Tools and Technologies: Git, Jenkins, Azure, Docker, AWS S3, Lambda, ECS

Databases: Postgres, MySQL

Experience

Consultadd Inc   **May 2023 – Present**
Software Engineer   *Pune, India*

- Architected high-performance RESTful APIs using the Django REST framework, **leading to 30% improvement in microservices communication**, efficiency, and overall system scalability.
- Spearheaded the migration of complex Jinja2 templates to a modern React application and seamlessly integrating it with Flask APIs, **resulting in a 40% increase in user engagement** due to improved load times and a more responsive interface.
- Designed robust CI/CD pipelines using Jenkins, incorporating automated testing and deployment processes that **reduced release cycles by 50%, with the help of SonarQube**, raising code quality standards across the development team.
- Achieved **84% test coverage using Vitest**, implementing a strategic testing approach that uncovered and resolved critical bugs, **culminating in a 60% reduction in post-release issues.**
- Developed and deployed a Flask-based microservice in Azure, serving as a **centralized messaging hub for internal services**, which enabled seamless communication with clients via email and SMS through integration with the Third-Party API.
- **Using Third-Party API for real-time analytics, created a microservice that provides daily reports** on message delivery and client engagement to relevant teams, improving data-driven decision making.
- Collaborated with the UX / UI team to design and develop a responsive React application from wireframes with Tailwind CSS, **leading to a 70% increase in user adoption** due to the intuitive design of dashboards and tables for data management. Used Jest / Vitest for comprehensive unit testing, ensuring high-quality and reliable code.
- Played a key role in a cross-functional team to create an interactive **training application using Three.js, increasing user engagement by 35%.**

Consultadd Inc   **September 2022 – April 2023**
Software Engineering Intern   *Remote*

- Constructed comprehensive unit tests for legacy code, **increasing coverage to 87%** and resulting in more reliable and robust code.
- Successfully led the refactoring of a legacy codebase from Python 2 to Python 3, **modernizing more than 50,000 lines of code** while ensuring backward compatibility and improving overall system performance by 35%.
- **Engineered robust APIs for a Smart RV system**, implementing advanced protocols that improved inter-device communication efficiency.

Projects

Retro Chat| Django, Docker, React, DRF   Github

- **Developed a Real-time Chatting Application with the help of Django Channels** for serving data and DRF for endpoints for login and signup and serving the rooms information.

Education

Sushila Devi Bansal College of Engineering, RGPV University   **June 2019 - May 2023**
Bachelor of Technology in Computer Science, (CGPA: 8.51 / 10)   *Indore, M.P*

Achievements and Certificates

- **AWS Solutions Architect - Associate.**   **Jun 2023 - Jun 2026**
- Awarded **Employee of the Month (4 times)** for outstanding performance and contributions.