Abhinesh B

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"Django artisan, weaving code into seamless digital experiences."

EDUCATION:

Sri Sairam Engineering College, Chennai, India.   **Aug 2017 - Jun 2021**
B.E., Mechanical Engineering

EXPERIENCE:

Tata Consultancy Services, Chennai, India.

Django Developer [Django | DRF | Jenkins]   **Jan 2023 – Present**

- **Developed a scalable web application using Django and Django REST Framework (DRF)**, enabling seamless API interactions and reducing response times by **40%** through optimized database queries and caching.
- **Automated backend workflows**, optimized database performance, and implemented CI/CD pipelines on Jenkins, reducing manual effort by 60%, ensuring zero-downtime deployments, and enhancing overall system reliability.
- **Optimized existing REST APIs** by improving database queries, reducing response times by **30%**, and minimizing payload size by **25%**, resulting in enhanced system performance and scalability.
- **Optimized the UI** by refactoring text input fields into structured selection mechanisms for predefined values, **reducing user input errors by 40%** and improving data consistency in the HTML-based UI.

Automation Developer [Jenkins | REXX | Groovy | UCD | Mainframe integration]   **June 2022 – Jan 2023**

- Designed and developed various pipelines in the Jenkins platform to automate most of the steps to reduce the dependency of the manual intervention, optimize the work flow environment, increase the efficiency of the work, and reduced the time of work by 50%.
- Implemented Mainframe-integrated workflows, enabling efficient data processing, job scheduling, and cross-platform communication, reducing manual intervention by 60% and improving system reliability.

Mainframe Release Support [Cobol | JCL | DB2 | Service Now | UCD]   **Dec 2021 – June 2022**

- Managed Mainframe release cycles by raising and tracking Change Requests (CRs) in ServiceNow, ensuring smooth deployments and minimizing production risks. Automated and executed host code deployments using Jenkins and UCD pipelines, streamlining release processes and reducing manual intervention by 60%.
- Maintained and optimized test environments, facilitating smooth testing processes and refreshing DB2 data every six months for enhanced relevance and performance. Provided end-to-end release support, overseeing testing phases and deploying validated code to production, ensuring system stability.

SKILLS:

Languages:	DevOps & Automation:	Associated Skills:	Analytical Tools:
- Python - HTML - CSS - Cobol - SQL - C#	- Jenkins (Pipeline & CI/CD) - UCD (Urban Code Deploy) - Service Now (Change Management)	- API Development & Optimization - Mainframe Integration & Automation - Django, DRF - REXX, Groovy - Open AI, Gemini	- Power BI - Advanced Excel

CERTIFICATIONS:

- Hackerrank - **Python | SQL.**
- LinkedIn - **HTML | C#**
- Udemy – **API Technical Writing**