Bharat Solanke

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PROFESSIONAL SUMMARY

Accomplished Python Developer with 1.9 years of experience. in Django, SQL, and Python, specialising in building scalable applications. Proficient in PostgreSQL, Oracle, and MySQL, optimising database performance and streamlining workflows through automation using UI Path. Experienced in developing dynamic solutions, including HelpDesk Management, College Management Systems, and Dynamic Logbook Management Systems, enhancing operational efficiency. Skilled in data analysis with NumPy and Pandas, transforming complex datasets into actionable insights. Passionate about leveraging cutting-edge technologies to drive business success and committed to continuous learning.

WORK EXPERIENCE

January 2025 - Present

TiMAD IT Solutions. - *Python Developer*

Project Name: Pharma-Logix (Dynamic Logbook System)

- Digitised traditional paper logbooks using Django, PostgreSQL, Bootstrap 5, and AWS EC2, enabling organizations to create and manage logbooks dynamically.
- Allowed multiple custom templates for different departments, each following a structured workflow.
- Automated PDF report generation and integrated a Document Management System (DMS) for efficient tracking.
- Developed a responsive frontend with Bootstrap 5, HTML, CSS, and JavaScript, including validation features
- Implemented Django-based backend logic with PostgreSQL for optimized data management.
- Deployed on AWS EC2, ensuring scalability, security, and high availability

Jade Global Software Pvt. Ltd. - *Principal Associate (Python Developer)*

September 2023 - January 2025

Project Name: Lattice Semiconductor

- Spearheaded the development and implementation of automated processes using **Python**, which led to increased overall workflow efficiency and a 20% reduction in manual intervention.
- Upgraded the existing dashboards to meet new requirements, enhancing user usability and simplifying graphical analysis of process performance.
- Customised UiPath bots to address specific project requirements, showcasing adaptability and adept **problem-solving** skills in dynamic environments.
- Optimised **document processing** functionality and performance through Python, resulting in an improvement in operational outcomes.
- Managed Oracle Database operations, ensuring data integrity and optimising performance through expert query design and troubleshooting.

SKILLS

Python | Django | Flask | ORM | REST API Development | Git | AWS | AWS Lambda | AWS S3 | SQL | DBMS | MySQL | Oracle | Numpy | Pandas | MatplotLib | UiPath | HTML | CSS | JavaScript | Bootstrap | Statistics

PROJECTS

College Management System

- Created a powerful platform using **Python**, **Django**, **ORM**, **HTML**, **CSS**, **JavaScript**, and **Bootstrap** for efficient college management.
- Implemented comprehensive admin controls to manage student and teacher profiles, streamlining course administration.
- Added a leave application feature for both students and teachers, fostering a transparent and organized process.

TravellerHub

- Built an interactive platform using **Python**, **Flask**, **PostgreSQL**, **HTML**, **CSS**, **JavaScript**, and **Bootstrap**, connecting travellers worldwide.
- Enabled seamless content creation and management with user-friendly **CRUD** operations.
- Cultivated a vibrant community where users share travel experiences, enhancing engagement and connection among enthusiasts.

EDUCATION

BSC - Computer science
2020-2023| Pune University
CGPA: 8.63 / 10.00