

SHIVAJI LAWARE

Backend Developer (2.8+ Yrs)

8806595204

Portfolio

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HackerRank

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Pune, India, 411033.

Versatile backend maestro with 2.5+ years at TCS, excelling in **Python Flask, Java Spring Boot, Database and Angular**. Recognized for crafting innovative, cost-reductive, time-saving solutions that led to a 40% increase in system efficiency. A customer-focused, performance-driven professional delivering impactful solutions. Eager to bring coding finesse and dynamic collaboration to a team that values creativity as the key to success.

EXPERIENCE

Backend Developer

Tata Consultancy Services Ltd.

09/2021 – Present

Pune, India.

Python Backend Developer

- ✓ Successfully improved system performance by **40%**, implementing strategic enhancements in Python Flask backend APIs. This resulted in faster response times and enhanced overall system efficiency.
- ✓ Spearheaded innovative solutions for an e-commerce client, creating a backend system for visualizing parcel terminals and trips. Utilized Angular to develop a responsive frontend, resulting in a streamlined user experience and increased client satisfaction.
- ✓ Designed and managed a complex API system capable of efficiently processing and handling data from four different countries, demonstrating a keen understanding of diverse datasets and ensuring seamless cross-border operations.
- ✓ Innovated a slot-timing allocation system for truck trailer trips, optimizing both inbound and outbound logistics. This achievement resulted in a smooth workflow, minimizing waiting times, and enhancing overall operational efficiency.
- ✓ Demonstrated expertise in code deployment and maintenance, guaranteeing the reliability and performance of deployed solutions.
- ✓ Implemented continuous improvement strategies, leading to the identification and elimination of bottlenecks. This approach resulted in consistent enhancements, contributing to a dynamic and evolving system.
- ✓ Directly engaged with clients, proactively understanding their needs, and delivering tailored solutions. This customer-centric approach ensured a high level of satisfaction and repeated business engagements.

Python Automation Developer

- ✓ Developed and implemented an automated workflow using Python Flask and Pandas to replace a previously manual process, resulting in a remarkable **95%** increase in productivity.
- ✓ Designed and implemented a user-friendly dashboard using Angular, providing real-time insights and enhancing overall visibility into the automated process, contributing to the significant boost in operational efficiency.

Java Spring Boot Backend Developer

- ✓ Developed and implemented complex APIs using Java Spring Boot, demonstrating proficiency in designing and building robust backend systems.
- ✓ Collaborated with cross-functional teams to understand project requirements and deliver tailored Java Spring Boot solutions. Fostered effective communication between backend and frontend teams to ensure seamless integration and project success.

PROJECTS

IoT and AR-Based Compound Pendulum Automation System

- ✓ Developed an advanced system integrating IoT and AR to automate compound pendulum experiments, significantly enhancing precision and efficiency.
- ✓ Designed an Android application for instant access to real-time pendulum parameters, fostering a comprehensive understanding of experiment dynamics. Additionally, spearheaded the integration of augmented environment technology for improved virtual scene representation, enhancing visualization and analysis capabilities.
- ✓ Used of: AR, Unity, Python, Google Firebase, C#, Digital Twin, Solidworks, Raspberry Pi4 and Sensors.

Impact:

Successfully transformed traditional compound pendulum experimentation into a state-of-the-art, technology-driven process, combining IoT and AR for heightened accuracy, efficiency, and user interaction.

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PROFILE SYNOPSIS

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TECHNICAL SKILLS

Tech Stack:

Back-End | REST API's, | Microservices

Programming Languages:

Python | Java | SQL | JavaScript | HTML | CSS | JSON

Frameworks:

Flask | Spring Boot | Angular

DevOps and API Tools:

Git | Docker | Bitbucket | OpenShift | Swagger | Postman | Eclipse | VS Code | PyCharm | Jupyter | SSMS | PostgreSQL/pgAdmin.

ACHIEVEMENTS

- ▲ Best performer of the year 2023 (TCS)
- ▲ **On The Spot** award for **Truck Utilization Insight's** tool development. (TCS)
- ▲ Fresco Hackathon winner at international level. (TCS)

EDUCATION

Bachelor of Engineering.

2021

Sanjivani College of Engineering (Pune University).

Diploma in Engineering.

2018

(Maharashtra State Board of Technical Education, Mumbai).

CERTIFICATES

- ▲ DP 100 Microsoft Azure Data Scientist Associate
- ▲ DP 900 Microsoft Azure Data Fundamentals
- ▲ AZ 900 Microsoft Azure Fundamentals
- ▲ AI 900 Microsoft Azure AI Fundamentals

HOBBIES AND INTEREST

Coding | Music | Singing | Rubik's Cube

LANGUAGES

English | Hindi | Marathi