ABHISHEK MISHRA

Software Developer | Microservices | Python | AWS | Automation | Continuous Learning

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Summary

Software development professional with 4+ years of experience in microservices development and system engineering, expert in Python and AWS. Key achievements include the development of a scalable microservices architecture for Pfizer and a significant contribution to the Vaccine Calculator development project, resulting in improved system efficiency. Seeking a Python Developer position at your company, where skills in microservices and cloud development can be utilized to support your mission of advancing technological solutions for meaningful change. Experience in designing and implementing microservices on AWS, as well as enhancing operational efficiency through automation, underscores a commitment to continuous learning and innovation.

Education

Institute of Technology and Management
Gorakhpur, India
2017 - 2021

Bachelor of Technology │ CGPA: **8.54** / 10

- Computer Science and Engineering

Saraswati Vidya Mandir Senior Secondary School Rambagh
Basti, India
2016 - 2017

Senior Secondary of Science │ Percent: **73.8** / 100

- CBSE Board

Saraswati Vidya Mandir Senior Secondary School Rambagh
Basti, India
2015 - 2016

Secondary │ CGPA: **9.2** / 10

- CBSE Board

Experience

Tata Consultancy Services
Delhi, India
2023 - Present

System Engineer

Account Name: Life Science - Pfizer
Key Role: Microservice Developer

- **Working on Microservices using Python and AWS**
  Designing and implementing **scalable microservices architecture using Python, integrated with AWS services such as Lambda, API Gateway, S3** for efficient cloud deployment and management.

Tata Consultancy Services
Delhi, India
2022 - 2023

Assistant System Engineer

Account Name: Life Science - Pfizer
Key Role: HCP Support Developer

- Worked on a support project focused on maintaining system stability and improving operational efficiency. Developed **automation PoCs using Python and Selenium** to streamline repetitive tasks and enhance process performance.
  Additionally, contributed to the development of a **Vaccine Calculator** using a web builder, leveraging **HTML, CSS, and JavaScript** for a responsive and user-friendly interface.

Tata Consultancy Services
Delhi, India
2021 - 2022

Assistant System Engineer-Trainee

Account Name: Life Science - Pfizer
Key Role: Quality Analyst

- Performed manual testing for the PTMF site, working across 6 modules to ensure functionality, usability, and reliability. Used **JIRA** for ticket logging and defect tracking, and **HP ALM** for test case management and execution. Collaborated closely with the development team to identify, report, and resolve issues effectively.

Skills

Tech Stack: Python, AWS S3, AWS Lambda, AWS Rest API, CloudWatch, Tableau, PySpark, MySQL, Flask, Django, Pandas, Informatica Power Center

Tools and Platforms: GitHub, AWS, Cloudflare, Stratus, Conductor, JIRA, HP-ALM, Test Rail, Zendesk, Web Builder

PERSONAL PROJECTS

DSA Virtual Labs

DSA Virtual Lab1: GitHub Repository
Hosted on www.ebootathon.com

DSA Virtual Lab2: GitHub Repository
Hosted on www.ebootathon.com

DSA Virtual Lab2: GitHub Repository
Hosted on www.ebootathon.com

Chemistry Virtual Lab

GitHub Repository
Hosted on www.ebootathon.com

- This project was developed in collaboration with AKTU, IIT Kanpur, and REC Banda and was supported by the Ministry of Human Resource Development (MHRD).
- We developed virtual lab simulations so that students can understand the algorithms and their workings, side by side, with the help of proper visualization.

Accident Control Management System

GitHub Repository

- The primary goal of the Accident Control Management System is to create an effective solution for addressing the predominant issue of road accidents.

Key Achievements

Awards for Excellence

Star of the Month – Recognized for significant contributions to the **Vaccine Calculator** development project in 2024.
Star of the Month – Awarded for outstanding performance as a **Manual Tester** on the **PTMF** project in 2021.

Learning Awards

Received after successfully completing **Wings 1 Digital** program, recognizing commitment to continuous learning and skill development in 2023.

Beyond Performance Award

Awarded in 2023 for exceptional contributions beyond assigned responsibilities