

# 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
Bachelor of Technology   CGPA: <b>8.54</b> / 10	2017 - 2021
• Computer Science and Engineering	
Saraswati Vidya Mandir Senior Secondary School Rambagh	Basti, India
Senior Secondary of Science   Percent: <b>73.8</b> / 100	2016 - 2017
• CBSE Board	
Saraswati Vidya Mandir Senior Secondary School Rambagh	Basti, India
Secondary   CGPA: <b>9.2</b> / 10	2015 - 2016
• CBSE Board	

## Experience

Tata Consultancy Services	Delhi, India
System Engineer	2023 - Present
<u>Account Name: Life Science - Pfizer</u>	
<u>Key Role: Microservice Developer</u>	
• Working on Microservices using Python and AWS	
Designing and implementing <b>scalable microservices architecture using Python, integrated with AWS services such as Lambda, API Gateway, S3</b> for efficient cloud deployment and management.	
Tata Consultancy Services	Delhi, India
Assistant System Engineer	2022 - 2023
<u>Account Name: Life Science - Pfizer</u>	
<u>Key Role: HCP Support Developer</u>	
• Worked on a support project focused on maintaining system stability and improving operational efficiency. Developed <b>automation PoCs using Python and Selenium</b> to streamline repetitive tasks and enhance process performance.	
Additionally, contributed to the development of a <b>Vaccine Calculator</b> using a web builder, leveraging <b>HTML, CSS, and JavaScript</b> for a responsive and user-friendly interface.	
Tata Consultancy Services	Delhi, India
Assistant System Engineer-Trainee	2021 - 2022
<u>Account Name: Life Science - Pfizer</u>	
<u>Key Role: Quality Analyst</u>	
• Performed manual testing for the PTMF site, working across 6 modules to ensure functionality, usability, and reliability. Used <b>JIRA</b> for ticket logging and defect tracking, and <b>HP ALM</b> 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  
ls and Platforms: GitHub, AWS, Cloudflare, Stratus, Conductor, JIRA, HP-ALM, Test Rail, Zendesk, Web Builder

## PERSONAL PROJECTS

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### DSA Virtual Labs

**DSA Virtual Lab1:** [GitHub Repository](#)

Hosted on [www.ebootathon.com](http://www.ebootathon.com)

**DSA Virtual Lab2:** [GitHub Repository](#)

Hosted on [www.ebootathon.com](http://www.ebootathon.com)

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### Chemistry Virtual Lab

[GitHub Repository](#)

Hosted on [www.ebootathon.com](http://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

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#### 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