

Experienced IT Engineer with 7.5+ years of expertise in driving digital transformation through intelligent automation solutions. Specialized in leveraging Python, machine learning, and AI to streamline complex business processes and enhance operational efficiency. Proficient in designing and implementing scalable automation workflows, integrating applications via APIs, and developing data-driven dashboards using SQL. Adept at analyzing evolving business requirements and delivering innovative, end-to-end solutions that align with strategic objectives.

## Work history

2025-06 - Current	<div><b>Lead Software Engineer</b> <i>Tekshapers (Virtusa Consulting), Pune, India (Remote)</i></div> <ul style="list-style-type: none"><li>• Spearheading AI-based automation of business processes using <b>Python</b>, <b>NLP</b>, and <b>ML</b>, improving workflow efficiency and accuracy.</li><li>• Managing <b>end-to-end data pipelines</b>, integrating structured/unstructured data for real-time insights.</li><li>• Collaborating with cross-functional teams to align automation strategies with business goals.</li><li>• Leading a development team and providing architectural guidance, code reviews, and deployment best practices.</li><li>• <b>Programming &amp; Scripting:</b> Python, SQL, PowerShell</li><li>• <b>Machine Learning &amp; AI:</b> Machine Learning (ML), Natural Language Processing (NLP)</li></ul>
2021-01 - 2025-06	<div><b>Senior Associate Consultant</b> <i>Infosys Ltd., Pune, India (Remote)</i></div> <div><b>AI &amp; Automation Consultant</b></div> <ul style="list-style-type: none"><li>• Led <b>AI-driven automation initiatives</b> for <b>retail and financial clients</b>, focusing on inventory management, incident resolution, and procurement optimization.</li><li>• Built <b>conversational AI assistants</b> using <b>Azure OpenAI</b>, <b>Google Gemini</b>, <b>LangChain</b>, and <b>FAISS</b> with <b>RAG architecture</b>, enabling <b>natural language queries</b>, <b>text-to-SQL</b>, and <b>semantic search</b> via <b>Streamlit</b> UIs and <b>Microsoft Teams integration</b>.</li><li>• Developed agentic solutions using <b>LangGraph</b> for dynamic decision-making and modular task</li></ul>



# Ashish Mohite

Lead Software Engineer

## Contact

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## Skills

Python	<div></div>
Generative AI	<div></div>
Machine Learning	<div></div>
NLP	<div></div>

- orchestration.
- Used **Infosys LEAP platform** for end-to-end automation, building reusable components that reduced manual effort by 30%+ and cut development time by 40%.
  - Integrated **real-time data pipelines** via **REST, XML/JSON APIs**, and automated workflows using **Python, SQL**, and **Shell scripting**.
  - Deployed solutions on **Azure** and **AWS**, managed cloud resources, created interactive dashboards, and supported UAT and stakeholder alignment.
  - **Languages & Scripting:** Python, SQL, Shell Scripting, PowerShell
  - **LLM & Generative AI Frameworks:** LangChain, LangGraph, OpenAI API, Azure OpenAI, Google Gemini, Huggingface Inference API, AWS Bedrock, Groq, Ollama
  - **Vector Stores & RAG Tools:** FAISS, Chroma
  - **Web & Data Handling:** Streamlit, Pydantic, REST APIs, XML/JSON
  - **Tools & DevOps:** Git, Postman, Visual Studio Code, Azure Functions, Infosys LEAP

2019-03 -  
2020-12

## Technology Analyst

*Infosys Ltd., Pune, India (Remote)*

### QA Automation Engineer – Wealth Management Domain

- Developed and executed automated test cases for enterprise applications within the **Wealth Management domain**.
- Built robust automation frameworks (**POM, Data-Driven, Hybrid**) using **Selenium** in an **Agile** development environment.
- Collaborated with developers, testers, and business analysts to ensure product quality and timely releases.
- Managed test execution, defect tracking, and reporting using tools like **JIRA, HP ALM**, and **Jenkins**.
- **Tech Stack:** **Selenium, Java, Python, Postman, Jenkins, MySQL, Git, HP ALM, JIRA**

2017-12 -  
2018-02

## Junior Customer Service Executive

*Tata Communications Transformation Services Ltd,*

Deep Learning

GIT

Azure

SQL

Powershell

AWS

LangChain

LangGraph

Azure OpenAI

Business Process Automation

Agile

JIRA

Database management

## Languages

English

Hindi

Marathi

## Personal Details

**Date of Birth:** 21/09/1994

**Nationality:** Indian

**Marital Status:** Single

**Visa Status:** H1b Stamped

Pune, India

### Implementation & Fulfillment Manager

- Enhanced customer satisfaction by **promptly addressing concerns** and delivering effective, resolution-oriented support.
- Streamlined communication channels to **improve customer interactions** and enable faster, more efficient problem resolution.
- Managed **high call volumes** with composure and professionalism, maintaining a positive and solution-focused attitude under pressure.
- Delivered **personalized assistance** by tailoring responses to individual customer needs and preferences.

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## Education

2013-06 -  
2017-07

### Bachelor of Engineering: Electronics & Telecommunications

*Dr. D.Y Patil Institute of Engineering - Pune, India*

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## Accomplishments

- Won Infosys Rookie of the Quarter Award for the Oct-Dec 2020-2021 Quarter
- Won Infosys Rise Awards for 5 Quarters
- Won Infosys Spot award as well as Unit Rise award

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## Certifications

2020-12

Microsoft Certified: Azure Data Scientist Associate