

Ankit Vaidya

Python Developer | GenAI | Azure | Automation

Python Developer with 4 years of experience in building scalable GenAI and automation solutions on Azure. Proven expertise in deploying RAG-based architectures, integrating Azure OpenAI and AI Search with enterprise systems like Power BI, and automating legacy migrations to cloud platforms. Skilled in building agentic workflows, prompt engineering, and analytics automation for Fortune 500 clients.

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WORK EXPERIENCE

Technology Analyst Infosys Ltd

12/2025 - Present

Achievements/Tasks

- Built an agentic chatbot that answers business queries by combining structured (SQL) and unstructured (documents) data.
- Designed a multi-agent architecture (Planner, SQL, RAG, Response agents) enabling hybrid query handling, intent classification, and scalable execution. Improved data accessibility and reduced manual effort through natural language interactions. Improved data accessibility and reduced manual effort through natural language interactions.

Senior System Engineer Infosys Ltd

06/2024 - 12/2025

Achievements/Tasks

- Designed and deployed a GenAI-powered insights engine integrated with Power BI dashboards for a leading Oil & Gas company.
- Processed thousands of historical incident and accident reports using Azure AI Search and Azure OpenAI, enabling AI-driven insights filtered by timeframe, cause, and location. Reduced manual investigation time by 70% for incident analysis teams.
- Engineered a Python-based transformation engine to automate migration of integration workflows (TIBCO BW6, BizTalk) to Azure Data Factory and MuleSoft. Automated code conversion from legacy platforms, minimizing manual intervention and improving delivery speed. Achieved ~70% accuracy in automated transformations and reduced developer effort by up to 80%.

System Engineer Infosys Ltd

06/2022 - 06/2024

Achievements/Tasks

- Designed and implemented micro-bots for unit tasks and created end-to-end workflow automation by integrating micro-bots using Camunda Modular and Infosys Cognitive Automation Studio (ICAS).

EDUCATION

Bachelor of Technology Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded

07/2016 - 05/2021

SKILLS

Python

FastAPI

SQL

Agentic AI

Azure OpenAI

Azure AI Search

Langgraph

Langchain

Prompt Engineering

LLMOps

Retrieval-Augmented Generation (RAG)

Git

Azure Data Factory

REST Web services

PERSONAL PROJECTS

PostMatic

- Built an end-to-end automation solution for creators to streamline video editing and publishing workflows across Instagram, Facebook, and YouTube.
- Features include: AI-driven text overlays, background additions, video resizing, frame rate adjustments, and automated posting with hashtags and metadata.
- Reduced manual effort by 70–80% for repetitive publishing tasks.
- Tech Stack: Python (Backend), Flask (Frontend), FFmpeg, YouTube API.

ACHIEVEMENTS

Finalist – India Innovation Challenge Design Contest 2019

Selected nationally in a competition powered by **DST & Texas Instruments**, conducted by **AICTE** and anchored by **NSRCEL @ IIM Bangalore**.

CERTIFICATES

Infosys Certified Python Associate

Infosys Certified Applied GenAI Professional

Infosys Certified MySQL Associate

Robocorp Level 1 and level 2 Certification

Automation Anywhere Certified Advanced RPA Professional (Automation 360)

Microsoft Certified: Azure Fundamentals - AZ900

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Marathi

Native or Bilingual Proficiency