

Komal Joshi

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SUMMARY

Software Engineer Python Backend Developer with 6+ years of experience in building scalable APIs, GenAI-powered platforms, and data-driven solutions using Python, Docker, Kafka, Azure, and LLMs across top brands like Microsoft, Adobe, and Virgin Voyages.

EXPERIENCE

Software Engineer

PwC India

12/2024 - Present, Noida

- Working on GenAI-powered content/image generation using GPT-4 and AOAI.
- Handled prompt logic, async APIs, test optimization, and access control via AdobeIO/AEP.

Software Engineer

Capgemini Technology Services India Ltd.

07/2021-11/2024, Bangalore

- Built dashboards using Panel, managed Kafka ingestion, Azure Function APIs, and Fabric DB for access control and data processing.

Associate Software Developer

iTechnolabs

05/2019-12/2020, Mohali

- Developed a full-stack portal with Python, Django, Selenium, and Celery for real-time job scraping and performance dashboards.

Web Developer

Esferasoft Solutions Pvt. Ltd.

07/2018-04/2019, Mohali

- Worked on REST APIs using Django Rest Framework and MySQL.

PROJECT

Job Scraping Portal

iTechnolabs

- Developed an in-house job portal that auto-scraped Upwork listings every 10 minutes using Celery.
- Built login-based bidding features for internal users and visual performance dashboards for managers.
- Created responsive UI with JS, AJAX, and Bootstrap.

Client – Virgin Voyages

Capgemini Tech

- Worked on cruise booking and customer journey analytics.
- Integrated multiple data sources and used Kafka for ingestion.
- Designed dashboards using Panel to visualize trends and insights for business teams.

Client - Microsoft GDC | Access Management

Capgemini

- Developed secure Function App APIs for access control.
- Managed deployment and database operations using Azure Fabric.
- Created stored procedures and ensured high data integrity with optimized Intermediate DB scripting.

Client - Adobe | Emagica (GenAI Platform)

PwC

- Built and optimized GenAI-powered APIs for content/image generation using GPT-4 and AOAI.
- Handled prompt logic, test execution, error handling, and async job flows via Argo.
- Ensured secure, multi-channel delivery and AEP-based access control.

EDUCATION

B.Tech

Uttarakhand Technical University • Dehradun • 08/2015-06/2018

Polytechnic Diploma

UBTER • Dehradun • 07/2013-06/2015

SKILLS

Python, SQL, Data science, Fast API, Rest API, MySQL, PostgreSQL, OOPS, DSA, Django

Docker, Azure, Azure Function App, Argo Workflow, Apache Kafka, Celery, Web Scraping, JS, AJAX, DRF, Kafka, Panel, pandas, couchbase, oracle

AWS S3, Azure Fabric DB, GPT-4, AOAI, Prompt LLMs, LLMS, Data Analysis, Splunk, Data visualization
