

# Mijanur Molla

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Kolkata, India

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## SUMMARY

Software Engineer with 2+ years of experience in Python (Flask), RESTful APIs, Docker/Kubernetes, and deployments on GCP, AWS, Azure. Proficient in microservices, CI/CD, and full-stack integration using modern LLM tools.

## SKILLS

**Languages:** Python, SQL, Bash

**Frameworks:** Flask, LangChain, LangGraph

**Cloud:** GCP, AWS, Azure

**DevOps:** Docker, Kubernetes, Helm, Git, Jenkins

**Databases:** MySQL, PostgreSQL, Redis, InfluxDB, Cassandra, ChromaDB

**Tools:** REST APIs, Kafka, WireGuard, Grafana, Linux

## CERTIFICATIONS

- Docker and Kubernetes – Stephen Grider (Udemy)
- LLM Engineering – Ed Donner (Udemy)
- Crash Course on Python – Google (Coursera)
- Intro to Generative AI – Google Cloud (Coursera)

## EDUCATION

**University of Calcutta**, Kolkata, India

M.Sc. in Computer Science (1st Class)

2020 – 2022

**University of Calcutta**, Kolkata, India

B.Sc. in Computer Science (1st Class)

2017 – 2020

## EXPERIENCE

**Spica Systems** — Kolkata, India

Software Engineer

Oct 2022 – Nov 2024

- Built and deployed microservices using Flask and Docker.
- Migrated legacy monolith to modular microservice architecture.
- Managed Kubernetes deployments on GKE, EKS, and AKS.
- Created CI/CD pipelines using Jenkins and Helm for automation.

## PROJECTS

**poroOsekho – AI Learning Platform**

Personal Project

- Developed AI modules: Learn, Interview, and Mock Test.
- Integrated GPT-4.1-mini, Google GenAI, LangGraph, LangChain, Autogen.
- Built semantic PDF QA with ChromaDB + SentenceTransformers.
- Stack: Flask, Pydide, Bootstrap, CodeMirror, JavaScript.