

AVINASH VAIJINATH ALANJAKAR

Software Engineer | Python | Go | DSA | PROBLEM SOLVING

+91 70308 23545 | [Profile](#) | [Gmail](#) | [GitHub](#) | [Linkedin](#) |

Introduction

Software Engineer with **4 years of experience** building scalable backend systems using **Python**. Strong foundation in **DSA, system design**, and **problem-solving**. Proven track record of delivering **clean, efficient**, and **maintainable** code in **production environments**.

Work Experience

[Tathastu -](#)

Chhat. Sambhajinagar, Freelance

Software Engineer

April 2025 - Present

- Designing a **scalable backend architecture** for an e-commerce platform, focusing on modular services, **clean API design** and future **scalability**.
- Working on **end-to-end system components** including authentication, product catalog, **payment integration**, and order workflows on **system reliability** and **maintainability**.

[Oestergaard -](#)

Denmark, Remote

Software Engineer

Feb 2024 - Jan 2025

- Designed and built a **full-stack Production scheduling software** using **Django, HTMX, PostgreSQL**, and **Redis**. Led **end-to-end architecture**, implemented efficient data caching, and delivered a **responsive, scalable** platform.
- Built a **nested query builder** and **custom task-rule-matching algorithm** for task batching, **reducing the processing time by over 87%**.

[E-beta Innovations LLP -](#)

Delhi India, Remote

Full Stack Engineer

May 2023 – Jan 2024

- As a senior full-stack engineer, **lead a team of 4 junior developers** and collaborated on more than **3 projects ensuring 0 defects and on-time deliveries**.
- Implemented **LangChain** and **GPT-4o-mini** into an **open-source SQL runner**, enabling natural language to **SQL generation** and in-app query execution, with bug fixes to support smooth tabular output.

[Alectio -](#)

Santa Clara, California, Remote

Backend Engineer

Jan 2023 – April 2023

- Merged the **Pro and Community** versions of Alectio into a **unified version** with one database and multiple schemas as tenants, which **solved the database maintenance issue** and improved the overall **system architecture and reduced maintenance overhead**.
- Developed manual curation APIs and integrated them into Alectio's platform using FastAPI, contributing to a more efficient and **streamlined data labeling process**.
- Contributed to Alectio's **image classification module** using PyTorch.

[E-beta Innovations LLP -](#)

Delhi India, Remote

Backend Engineer

Nov 2021 – Dec 2022

- Built efficient and scalable **RESTful APIs** in python(FastAPI and Django) and also integrated APIs in the frontend using axios in ReactJS codebase.
- Built a **custom data pipeline**, just like AirFlow, to transfer the data from one database to another. The UI was built using the **streamlit** library and to perform data syncing dynamically, I used Pandas and the asyncio library of python. Source and destination could be anything, it could be **MY-SQL, MS-SQL** and **Google Sheets**.

Skillset

Languages - Python GoLang

Technologies - Django FastAPI Flask LangChain Jinja2 HTMX

Platforms - Linux Docker DigitalOcean AWS(S3 and EC2) Celery

Database - PostgreSQL Redis(Caching)

Projects

[FirstBit Solutions](#)

Pune India, Freelance

Full Stack Developer

July 2023 - Sep 2023

- Developed an **end-to-end solution** for FirstBitSolutions computer academy to **efficiently manage data** for more than **1 million students**. Dockerized the application and hosted it on **Digital Ocean Linux droplets** with **Nginx** and **gunicorn**.

Education

Diploma in Computer Engineering at GP Jalgaon, Maharashtra

Aug2018 - Aug 2021