

# Pratyush Mangalam

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## Professional Summary

Successful Backend Developer offering 4+ years of experience in demanding environments focused on producing cutting-edge systems. Skilled in directing development with creative and performance-oriented approach. Innovator with deep knowledge in latest industry trends and advancement.

## Skills & Abilities

- Python
- Django and Django REST Framework
- AWS for architecture design
- Golang
- Relational Database (RDS, Postgres), No SQL DB(MongoDB), Redis, Timeseries DB
- Docker, GIT, Jenkins
- Airflow, Celery, Luigi

## Experience

### Software Engineer | Open Financial Technology | 09/2022 – 04/2023

- Developed microservice using Golang and Gorm for reporting service for open money products.
- Created a fund transfer microservice architecture and developed it using Golang for different banks.
- Implemented Airflow for existing cron jobs and led and educated other teams to use the Airflow tool.
- Developed Bulk transfer service using Airflow which reduced bulk transfer time to 50%.

### Software Engineer | Cult Fit | 09/2021 – 09/2022

- Designed server-side architecture and implemented cloud-based back-end solutions from scratch for the company's first product in the market, the CULTBIKE-exercise bike that allows live and on-demand streamed workouts with the best trainers.
- Worked on storing and analysing real-time sensor data into time series database service for IoT and operational applications.
- Defined and conducted design processes at all stages, including research, conceptualization, testing, and implementation.
- Resolved scalability problems and addressed security concerns.

### Associate Software Engineer | Iquanti | 02/2019 – 09/2021

- Worked as a back-end engineer for the product ALPS- an enterprise SEO Tool designed with micro service architecture, used for optimizing the site around effective keywords that drive relevant traffic to maximize conversion, powered by an analytics-driven keyword prioritization engine.
- Designed and developed the data-on demand, an exclusive feature to bring in the SERP data for given keywords.
- Worked on the feature to enhance the data accuracy, designing proper object-oriented modules for data collection and pre-processing.
- Worked on the orchestrator layer, implemented using LUIGI, helping build complex pipelines of batch jobs.
- Made the manual task into an automated system to speed up the process and improve the experience of granting access to the user for the product using Django model.

## Education

Computer Science | The NIE | Mysore