

# Manish Raj

(can join within 30 days) Software Developer with more than 2 years of experience in building scalable fintech, e-commerce SAAS, e-retail products.

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## EDUCATION

**VIT University, Vellore, India**

July 2021

*B.Tech in Computer Science Engineering*

*Current GPA: 8.47/10.0*

**Courses:** Core Knowledge in Operating System, Database Management System, Networks, Data Structure and Algorithms, OOPS

## SKILLS

**Languages:** Python, Golang, C/C++, SQL

**Frameworks:** Django, FastAPI

**Technologies:** Git/GitHub, AWS(ECS, EC2, CodePipeline, Cloudwatch, S3), GraphQL, Docker, MongoDB

## EXPERIENCE

**Software Development Engineer at Wealthy | Django, Python, GraphQL, AWS, Mysql** May 2022 – Present

A Fintech Company, with products like Mutual Funds, Debenture, Insurance, FD

- Worked on Mutual Fund Product to build the feeds system for account creation and transactions processing
- Worked on Agent System, build many important apis and architecture for multiple subsystems in it
- Created Referral system, AUM system, Cashfree integration
- File Integration and automation with S3, AWS and Airflow

**Software Developer at Anchanto | Ruby on Rails, Mysql, Python, Django**

July 2021 – May 2022

Global B2B SaaS company enabling order and warehouse management system, omni-channel

- Using Ruby On Rails, Adding New Feature To The e-Commerce Website, Making API and its integrations, worked on many different products of the company like order management system and warehouse management system
- taken care of the inventory products workaround, catalogue, skus, and its logic building
- File processing and handling added like PDF for invoice of products

**Software Development Intern at Redsky Technologies | Django, Python, Pandas, Shell** Jan 2021 – June 2021

A startup which is aggregating Retail by using disaggregated digitized data, with their patented plug n play device

- Worked in data team, optimised the scripts and the system using python and sql, also created scripts for data aggregation
- Worked in full stack web development team, added new features to the existing website using django and vuejs

## PROJECTS

**Realtime Notification System | WebSockets, Channels, Signals, Django, Python, Redis, JavaScript, ASGI** Aug 2023

- Developed a Realtime Notification System in Django using **websockets** and django channels
- After a Notification is created in the table using an api, it shows is shown in the UI bell notification instantly with help of **Django signals and channels**
- Also Adding the feature to add a message queue such as **Redis** to send normal notifications to a large number of users and **celery worker** will be used to pickup the task from the queue
- Made the system asynchronous using **ASGI**, which can be integrated in and used in any other django system

**File Management System | Django, Python, Pandas, S3, Clickhouse**

July 2023

- Created a project on managing all types of files using pandas, python and django functions, main features were unzipping any file with password, editing it with pandas and other libraries, and api to upload to s3 and other features related to it
- added feature to add the data directly to clickhouse using polars
- Optimized File Processing and aggregating and quering data