Aayushman Maharjan

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PROFILE

Experience in designing and developing backend system in Django for websites, mobile apps and cross platform systems.

Experience in implementing RESTful APIs using Django Rest Framework to streamline communication between frontend and backend.

Experience in utilizing features like pagination, filtering, logging, Django shell, pdb, etc.

PROFESSIONAL EXPERIENCE

Ramailo Tech

Django Developer Trainee   07/2022 – 10/2022 | Kathmandu, Nepal
- Learnt about RESTful API through the use of Django Rest Framework
- Set up and connect PostgreSQL to a Django project
- Practical experience on use of Git's Version Control when working on a team
- Containerize projects using Docker
- Use Postman to document APIs
- Follow Pep8 style guide for readability and consistency of code

Associate Backend Developer   10/2022 – 07/2023 | Kathmandu, Nepal
Project: Perr
Perr is a cross platform file transfer system that lets the user send files from their mobile to other user's PC with scan of a QR Code. User can also upload file from PC and receive it in mobile and/or user's other PCs.

My responsibilities:
- Design, Develop and Document backend APIs that are used by the frontend
- Send data to Centrifuge websocket when certain APIs (like Send Data, Device Login, Device Delete) are called to reflect the changes on frontend in realtime
- Set up webhook endpoints for Stripe and Google IAP to validate and save user's payment in project's database

Project: Alt Mobility
Alt Mobility is a fleet leasing site that allows customers to lease vehicles from available manufacturers and allows fleet operators to manage and monitor their drivers. It also consists of a mobile application used by the drivers to check the status of their vehicle.

My responsibilities:
- Develop and Document the backend APIs based on the provided design
- Integrate the backend for the mobile app and customer website(written in Django) with the backend of fleet operator website(written in tRPC)

EDUCATION

Bachelor in Computer Engineering   2017 – 2022 | Dhapakhel, Lalitpur
Kantipur Engineering College

+2   2015 – 2017 | Bharatpur, Chitwan
Valmiki College

SLC   2015 | Narayangarh, Chitwan
Little Flower School

SKILLS

Languages:
- Python (Proficient)
- C (Familiar)
- C++ (Familiar)
- TypeScript (Familiar)

Tools:
- Git
- Docker
- VS Code
- Postman

Libraries:
- Django (Proficient)
- DRF (Proficient)
- FastAPI (Familiar)
- Prisma ORM (Familiar)

TRAINING

Python & Django
Broadway Infosys Nepal Pvt. Ltd.
Attended courses in Python and Django where I learnt coding in core Python as well as web development using Django.
Python course included classes on topics like: data types, functions, conditional statements, loops, try-except, etc.
Django course covered the basics like starting a django project, setting up apps, creating models and views, use of the admin panel, etc.