GIGIL JACOB

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Professional Summary

Python developer with experience of 5+ years and have been a part of various projects with various frameworks. Hands-on expertise in designing, developing, and deploying robust web applications using Django. A dedicated and passionate programmer with a strong commitment to writing clean, efficient, and maintainable code. Looking forward to learning more about technologies and to implementing them at my opportunity and also to become a pythoneer.

Professional Experience

- **Ndimensionz Solutions Pvt Ltd -- Software Engineer**

  Mar 2022 - Present

  Utilized Django's Model-View-Controller (MVC) architecture to create scalable and modular components for seamless application functionality. Developed RESTful APIs using Django Rest Framework (DRF) to enable efficient data exchange between front-end and back-end systems. Designed and optimized PostgreSQL and other database schemas for efficient data storage, retrieval, and manipulation.

- **Mindcoopers -- Software Engineer**

  June 2019 - Feb 2022 (2yrs 9mos)

  Experienced in handling Django projects for creating PEP8 standard of back-end code and collaborating with front end. Capable of handling server instances in AWS and also have knowledge in Nginx configuration. During the period also created several RESTful APIs for various projects and has hands-on experience in implementing power bi reports in web portals. Also have knowledge in implementing payment gateways using Braintree, Stripe, etc…

- **BlackVoid -- Python Developer**

  Nov 2018 - May 2019 (7mos)

  Experienced with PyQt5 and creating standalone desktop applications. Handled Django-based web application also managed the team to develop web applications using python frameworks.

- **RoadELabs -- Python Intern**

  Jul 2018 - Oct 2018 (4mos)

  Worked as Python developer to implement image processing using OpenCV and analyzing the video input using the python framework.

Professional Education

- **UCAS,** Ernakulam   Bsc Comp Sci   MG University

Skill Set

<u>Tools & Technologies</u>

Python, Django, DRF, RESTful WebServices, Celery, FastAPI, PostgreSql, HTML, CSS, JS, Nginx, AWS, Docker, GitHub, Firebase, PowerBi, BrainTree, Stripe

Projects

1. DAS Gateways

<u>Technologies Used</u>

Django, Postgres, Python, Jquery, Ajax

<u>Roles & Responsibilities</u>

Maintaining an existing system of payment gateways. Integrating new merchants into the system and setting the custom rules for that particular merchant. So that the merchant can either use the api tool or the hosting tool to their portal for payment gateway.

2. Level Up

<u>Technologies Used</u>

Django, Django REST framework, Python, Firebase, Harmony Push Kit, Jquery, JS, Html, Bootstrap, PostgreSQL, GitLab

<u>Roles & Responsibilities</u>

Creating models to store data in optimised way using Django ORM. Handling existing APIs and

creating new ones according to the need. Enabling notifications services for the devices like iOS, Android and Huawei using services and apis provided by firebase and hms core push kit console respectively. Update the designs to integrate a custom Django admin panel using the Argon dashboard. Review code of fellow developers for better optimisation.

3. YVI

<u>Technologies Used</u>

Django, Django REST framework, Celery, Python, PostgreSQL, Wati WhatsApp api integration, Google API integration, GitHub

<u>Roles & Responsibilities</u>

Create database models using the Django ORM and writing RESTful APIs to meet the business logic of the project. Integrating wati api to send notifications. Google meet integrating to create an event with future date. Support in server related issues. Made use of celery to handle the concurrency and for task management using rabbitmq as messaging broker.

Declaration

I hereby declare that all information said to be true to the best of my knowledge

[GIGIL JACOB]