Saurabh D. Thorat

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Objective:

Dynamic, result-oriented professional with **3+** years of IT experience in Software Design and Development as mostly in Back-end developer with expertise in **Python (Django), HTML, CSS and REST API**.

Technical Skills:

- ➢ Languages: Python
- ➢ Library: Numpy, Pandas, Matplotlib, Folium
- ➢ Framework: Django, DRF, Rest API
- ➢ Front-end: HTML, Javascript, Bootstrap 4, CSS
- ➢ Database: MySQL
- ➢ Cloud DB: Azure Cosmos DB
- ➢ Source Control: GIT, GitLab
- ➢ Tools/Software: Postman, Pycharm
- ➢ Operating Systems: Windows

Professional Experience:

- Working with **Innover Systems Pvt Ltd** as a **Software Developer** from Dec 2022 to till the date.
- Worked with **IP Tech System Pvt. Ltd.** as a **Software Developer** from Jun 2020 to Nov 2022.

Projects:

Project 1	
Project Name	**RMS - MEDA**
Technical Skills	Python, Django Rest Framework, Git, Folium, Numpy, Pandas
Database	MySQL, Azure Cosmos DB
Client	MEDA (Maharashtra Energy Development Agency)
Role	Python Developer

Description:

MEDA is a Maharashtra government institute run with the Federal Government of India, to regulate energy conservation and to promote the development of renewable energy in Maharashtra State, including solar energy, bio- energy and wind energy. Kusum Yojana Maharashtra is a beneficial scheme aimed at supporting farmers in the Maharashtra state. This central government program focuses on providing solar irrigation pumps at lower ratesFor Farmers

Responsibility:

- Coordinated with the team to understand the requirement and set the technical solutions for the business logic.
- Implementing application development using MVT architecture.
- Involved in developing the back-end API by using python and Django rest framework.
- Involved in creating models required for the project.
- Created Python APIs to Query the database and update the tables.
- Worked on the development of a Python Web Application and RESTful APIs based on Django and RestFramework.
- Implemented Django models, Views, serializers etc in Django. Also implemented API View, Viewset, Generic views, permissions and routers in Django rest framework.

Project 2	
Project Name	**Command Control Center (Smart City)**
Technical Skills	Python Django Framework, Git, Numpy, Pandas, Matplotlib
Database	MySQL
Client	Pune Municipal Corporation
Role	Python Developer

Description:

The Smart City Integration project aimed at transforming our urban environment into a technologically advanced and sustainable living space. Focused on leveraging cutting-edge technologies, data analytics, and community engagement, the project aimed to enhance the quality of life for residents while promoting environmental sustainability and efficient resource management.

Responsibility:

- Developing back-end APIs as per project requirement using Django rest framework.
- Designing ORM Queries and implementation of back-end Database.
- Identify and suggest ways of improving efficiency and functionality.
- Use back-end logic to integrate user-facing features.
- I have implemented Django serializers, models, Views, URL routing etc. in Django.
- Responsible for performing CRUD operations in database by using Django ORM.
- Enhanced existing features as per requirement.
- Attending meeting and daily stand up.
- Worked on the creation of REST API with Django Rest framework.

Project 3	
Project Name	**General Health Care Service**
Technical Skills	Python, Django, MySQL, RESTful Web Services
Database	MySQL
Client	HHS Tech Group
Role	Python Developer

Description:

Healthcare is a field in which accurate record keeping and communication are critical. The software has the facility to give a unique id for every patient and stores the details of every patient and the staff automatically. With the increase of demand in hospitals, we need effective data management system for handling patient's data, staff data and treatment details in an effective way. It deals with the collection of patient's information, diagnosis details, etc. It includes a search facility to know the current status of each room. User can search availability of a doctor and the details of a patient using the id.

Responsibility:

- Integration of user-facing elements developed by front-end developers with server-side logic.
- Understanding and writing use cases and translates them into functional requirement.
- Responsible for coding and developing using Django, MySQL.
- Development, bug fixing, issues, requirement understanding.

Personal Details:

- Languages Known: English, Hindi, Marathi.
- Nationality: Indian
- Date of Birth: 16 Sep 1997
- Hobbies: Dancing, Listening song