MOHAMMAD SAMEER

Software Engineer | Python Full-Stack Developer

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# ABOUT ME

Python Developer with experience in designing, developing, and troubleshooting web applications using Django (MVC) and Django Rest Framework (DRF). Skilled in full-stack development, API integration, and scalable system architecture.

# WORK EXPERIENCE

## Gisfy Private Limited

Software Engineer Dec 2024 - Feb 2025

* Designed and developed web applications using Python and Django.
* Worked on a Government Project 'E-Auction Timber Sales' from scratch, leveraging Django for backend development and PostgreSQL for database management.
* Designed and implemented a responsive frontend using HTML, CSS, Bootstrap, JavaScript, and jQuery to enhance user experience.
* Implemented secure and scalable solutions for handling sensitive government data, including auction details, user authentication, and transaction records.
* Collaborated with stakeholders to gather requirements, define system architecture, and deliver a scalable solution within strict deadlines.
* Conducted thorough testing and debugging to ensure high-quality, bug-free software delivery.
* Documented the entire development process, including technical specifications and user manuals, for future maintenance and scalability.

# SKILLS

* Python | Django | Django Rest Framework | REST | API
* Microservices | Multithreading | Multiprocessing | OOP
* NumPy | Pandas | Matplotlib | NLTK | Socket Programming
* HTML | CSS | Bootstrap | JavaScript | JQuery
* SQL | MySQL | PostgreSQL | MongoDB
* Data Analysis | Data Analytics | GIT
* PowerBI | Postman | Pycharm | VSCode

# EDUCATION

## Anurag University

Bachelor of Technology in Computer Science Engineering - 7.5 May 2024

## Sri Chaitanya Junior College

Intermediate (12th Grade) - 95% March 2020

## Sri Satya Sai Vidya Vihar

SSC - 9.0 March 2018

# PROJECTS

**CHAT WITH MULTIPLE DOCUMENTS [](https://github.com/gitsameercs/Chat-with-multiple-documents)**

**Problem :** Develop a Streamlit web application for querying information from PDF documents using natural language processing.

* Developed a Streamlit app for querying PDF content using NLP techniques.
* Challenges: Ensuring accurate PDF text extraction and improving NLP-based queries.
* Outcome: A user-friendly tool for interactive information retrieval using conversational AI.

# THYROID NODULE SEGMENTATION

**Problem :** Develop a system for the automatic segmentation of thyroid nodules in radiological imaging.

* Developed a deep learning-based web application for the automatic segmentation of thyroid nodules in radiological imaging, enhancing diagnostic accuracy and efficiency.
* Challenges: Optimizing real-time segmentation accuracy and ensuring seamless integration.
* Outcome: Accurate multi-class nodule segmentation and classification.

# SMART EDUCONNECT API

**Problem :** Develop a FASTAPI-based web application for managing organizational information with CRUD operations and file handling.

* Developed a scalable REST API web application for managing educational organizations.
* Challenges: API scalability, database management, and comprehensive Postman testing.
* Outcome: A scalable and user-friendly platform for managing educational institutions' data efficiently.

# CERTIFICATIONS

* Infosys Springboard Certification in Artificial Intelligence.
* Cloud Foundations - AWS Academy.
* Certified Python Developer – Naresh IT.