Siddhesh Rumade
Python Developer

Highly motivated Python AI Developer with 4+ years of experience specializing in building data extraction pipelines, automated monitoring solutions, and AI-driven processing applications using Python, FastAPI, and Generative AI (Gemini LLM) .

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○ github.com/sidrumade

SKILL

Numpy GenAI Postgres OpenCV Git Aws Lambda Gemini Pytorch MySQL Pandas Detectron2 VisionOCR LLM LangChain MongoDB Scrapping HTML/CSS/JS

LANGUAGES & LIBRARIES

Python
● ● ● ● ○

Prompt Engineering
● ● ● ● ○

FastApi
● ● ● ○ ○

WORK EXPERIENCE

Python Developer
Big Rattle Technologies

11/2023 - Present   *Mumbai*

Achievements/Tasks

- Developed Python-based scrapers for automated website monitoring and data extraction .
- Built FastAPI application on Google Cloud for batch retail promo processing.
- Transitioned from Vision OCR + LLM to LLM-only (Gemini) for improved promo data accuracy.
- Created FastAPI apps for automated invoice and PO batch processing using Gemini LLM.
- Designed SQL schemas and dashboards to track fill rates across retail chains like Dmart.
- Trained Siamese Network (Signet architecture) with Triplet Loss using PyTorch for signature verification.
- Designed image embeddings and image search system using FAISS vector database.
- Worked on model retraining using PyTorch to detect and recognize products on retail shelves.

Software Developer
G-Square Solutions Pvt. Ltd.

06/2021 - 11/2023   *Mumbai*

G-Square provides AI & ML driven Data Analytics & Business Intelligence Solutions for the Industry.

Achievements/Tasks

- Upgraded and maintained Narrator BI tool, handling both frontend and backend development
- Integrated outsourced frontend pages with the Flask backend for seamless functionality.
- Created module to connect multiple data sources with the BI Tool.
- Integrated plotly to visualize the data in the dashboards.
- Built custom BI dashboards for BFSI client and SQL-driven reports, enabling actionable insights for clients.
- Developed news curator for banks with Outlook and WhatsApp integration, plus RSS-based news expansion.
- Developed a module to scrape daily and monthly AUM data from the AMFI website and generate customized reports for the AMC. Created AUM daily,monthly,quarterly Report Triggers for RMS.

CERTIFICATES

ML & Adv. Learning Algorithms

ChatGPT Prompt Engineering for Developers & Structured LLM Output

PROJECTS

Twitter Analysis
- Pull Twitter Data From Official API.
- Sentiment Analysis Using Python
- Technologies Used: Python, Django Framework, React Framework ,etc

Javascript Notebook [Created using ReactJs]
- It offers features like code execution, result visualisation, markdown support, and collaboration capabilities.
- Versatile tool for JavaScript development and experimentation.
- link: https://moonlit-tanuki-508870.netlify.app/

EDUCATION

B.Sc.(Computer Science)
Annasaheb Vartak College

2020