Aaditya Sangishetty

Navi Mumbai,India
+917977672964 | adityashetty35@gmail.com | LinkedIn | GitHub

EXPERIENCE

Neural IT   **August 2024 - Present**
Software developer   *Navi Mumbai,India*

- Built LLM-powered summarization & field-extraction pipelines for medical notes, reducing review time by 60 %
- Developed a scalable microservices-based platform called 'Entrust', leveraging FastAPI, React, MongoDB, MySQL, NSQ, Redis, and Kong API Gateway to serve legal and medical use-cases for U.S. based attorneys
- Engineered a chunked-upload service (FastAPI + CockroachDB) that reliably ingests single files > 10 GB and cuts transfer failures by 35 %, enabling legal teams to process high-volume evidence sets.

CereLabs   **June 2022 - August 2024**
Software developer   *Mumbai,India*

- Played a key role in maintaining the Document masking bot, deployed at HDFC and Toyota Finance
- Contributed to AI-based products known as 'bots,' specializing in advanced analysis of unstructured data.
- Fine-tuned a Large Language Model (LLM) for the legal domain. I also developed a machine learning model for sensitive data extraction, achieving an impressive accuracy rate of over 90%.
- Utilized object-oriented programming practices to design and implement efficient bot solutions.

Document Masking Bot
- Contributed to Document Masking Bot maintenance, optimizing document processing with TensorFlow object detection and OCR.
- Efficiently extracted and masked sensitive data, enhancing accuracy and compliance; streamlined API integration for better performance.

Queryfic
- Queryfic taps into your organization's collective knowledge, delivering personalized responses to employee queries.
- Developed and implemented a conversation history storage system using Queryfic's platform, enabling users to efficiently retrieve past interactions with pagination.

TECHNICAL SKILLS

Programming Language: Python, Java, Javascript   **Database:** MySQL, Postgres,MongoDB,CRDB
Framework: FastAPI, RabbitMQ,Spring MVC,NSQ   **Web Technologies:** HTML, CSS, Javascript
DevOps: Docker,Jenkins   **Version Control:** SVN, GIT
AI / LLM : Llama 3.1,Mistral 7B,Prompt Engineering

EDUCATION

PVG College of Science & Technology   **June 2019- Mar2022**
Bachelor of Science in Computer Science
S K Somaiya Junior College   **June 2018 - Mar2019**