

# M. Sai Swasthik

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## About Me

Aspiring software developer specializing in backend development, API design, and AI-driven applications. Proficient in Python, FastAPI, LangChain, and databases (MySQL, MongoDB). Passionate about web scraping, data processing, and large language models (LLMs). Seeking an opportunity to apply my expertise in a dynamic IT environment.

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## Technical Skills

- **Programming Languages:** Python
  - **Web Frameworks:** FastAPI, Streamlit, Django, Django REST Framework
  - **Databases:** MySQL, MongoDB
  - **AI & LLMs:** OpenAI APIs, LangChain, Gemini APIs
  - **Web Technologies:** HTML, CSS, REST APIs
  - **Data Scraping & Processing:** BeautifulSoup, Pandas
  - **Version Control & Deployment:** Git, GitHub
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## Experience: 1-Year Internship

### Software Developer Intern at Slickbit Technologies

- Worked on backend API development using FastAPI and Django.
- Built and optimized REST APIs for data processing and machine learning.
- Implemented data scraping solutions using BeautifulSoup and Selenium.
- Enhanced database performance for MySQL and MongoDB.
- Developed dynamic stock market data APIs to fetch real-time insights.

## Projects

### 1. Stock Data Scraper & API (FastAPI + MySQL)

- Built a stock market web scraper using BeautifulSoup.
- Developed REST APIs using FastAPI to serve real-time stock data.
- Integrated MySQL for structured data and MongoDB for unstructured data storage.
- Implemented caching mechanisms for optimized API responses.

### 2. AI Chatbot with LangChain & OpenAI

- Designed an intelligent chatbot using LangChain and OpenAI APIs.
- Implemented MongoDB for chat history storage.
- Developed a FastAPI backend to handle real-time user queries.
- Integrated fine-tuned LLM models for personalized responses.

### 3. Financial Data Dashboard (FastAPI + MongoDB)

- Scraped financial data from multiple sources and stored it in MongoDB.
- Built an interactive FastAPI backend to serve financial insights.
- Developed a simple frontend (streamlit) for data visualization.
- Integrated JWT authentication for secure API access.

### 4. Peer Comparison Table Scraper (FastAPI + Pandas)

- Scraped **peer comparison tables** dynamically from financial websites.
- Processed and structured the data using Pandas for analysis.
- Built a FastAPI backend to serve comparison data in JSON format.

### 5. Dynamic Shareholding Pattern Extractor (FastAPI + MySQL)

- Extracted **real-time shareholding patterns** from stock market sources.
- Stored data in MySQL with time-series tracking.
- Built REST APIs for frontend and third-party integrations.

## Education

### B.Tech in Electronics and Communication Engineering

University College of Engineering and Technology, MGU, Nalgonda

**Year of Passing:** 2023 | **Percentage:** 65%

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## Contact Information

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