



Rajeev Aken

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Solapur, Maharashtra - 413006, India

OBJECTIVE

Aspiring Software Engineer with hands-on experience in backend development, API design, and building scalable data-driven applications. Passionate about delivering robust software solutions and contributing to high-impact engineering projects in a fast-paced, innovative environment.



EXPERIENCE

- **Shri Sai Tech** Apr 2024 - Jul 2024
Solapur, India
Software Engineering Intern
 - Designed Flask-based APIs to support data-driven microservices and backend communication
 - Built AI automation workflows leveraging async calls, optimized for performance and reliability Frameworks
- **Emergys Solutions Pvt Ltd** Jan 2025 - Present
Pune, India
Software Engineering Intern
 - Engineered data models and relational databases using SQL for enterprise reporting systems
 - Created automated data pipelines using Python, AsyncIO, and BeautifulSoup for ETL tasks

EDUCATION

- **Walchand Institute of Technology** 2021 - Present
Solapur
B.Tech Electronics and Computer Engineering
 - GPA: 8.93
- **Walchand College of Arts & Science** 2019 - 2021
Solapur
HSC - Science
 - Percentage: 89.83%
- **KLE English Medium School** 2007 - 2019
Solapur
Secondary Education
 - Percentage: 89.2%

PROJECTS

- **BitPredict: [Bitcoin Price Prediction using Deep Learning and Sentiment Analysis]** Ongoing

Tools: Python, TensorFlow, LSTM, FastAPI, Streamlit, Apache Airflow, Docker
 - Developing an end-to-end system for Bitcoin price prediction using LSTM with sentiment and technical indicators
 - Automating data pipelines with Apache Airflow and managing experiments with MLflow & DVC
 - Building a Streamlit-based UI and deploying services via Docker and FastAPI
- **Doc-RAG: [Document based RAG application]** Mar 2025

Tools: Python, Streamlit, Langchain, FAISS, Groq, Weaviate, FastAPI
 - Developing a document based RAG app as a student helper to analyse reports and research papers
 - Implemented Langchain and RAG using FAISS/Weaviate and Groq for inference

SKILLS

- **Programming Languages:** Python, SQL, C++
- **Technologies:** FastAPI, Flask, Streamlit, Docker, Langchain, Weaviate, FAISS, Airflow, MLflow, DVC, Git, BeautifulSoup, REST APIs, AWS
- **Data Platforms:** Relational Databases, Data Modeling, ETL Pipelines, AsyncIO, Apache Airflow, Generative AI, Vector Search
- **Soft Skills:** Problem Solving, Collaboration, Time Management, Adaptability

CO-CURRICULAR ACTIVITIES

- **SIH 2023** Oct 2023

Participant
 - Sentiment Analysis of Helpdesk calls
 - Developed an ML model using TensorFlow utilising LSTMs

COURSES

- [Complete Machine Learning & Data Science Bootcamp](#), by ZTM Sep 2023
- [TensorFlow for Deep Learning Bootcamp](#), by ZTM Jun 2024

ADDITIONAL INFORMATION

Languages: Telugu, English, Hindi, Marathi

Interests: Football, Basketball, Movies, Anime, Gaming