

Argish Abhangi

(+91) 90234 72344 | abhangiargish@gmail.com | argish.me | linkedin | github

Experience

Software Development Intern (Python), Spigot InfoTech – Ahmedabad, GJ Dec 2023 – Feb 2024

- Designed and implemented RESTful APIs and Integrated third-party APIs and services to improve performance.
- Collaborated with cross-functional teams to understand client requirements and deliver tailored solutions.

AI/ML Intern, Spigot InfoTech – Ahmedabad, GJ Mar 2024 – May 2024

- Developed and deployed a web scraping pipeline leveraging BeautifulSoup & Selenium to auto-scrape data from 30+ websites, boosting data extraction efficiency by 80% & reducing manual effort by 50 hours monthly.
- Designed RAG pipelines and engineered prompt optimization techniques to improve response quality.
- Collaborated with cross-functional teams to integrate AI-driven chatbots and summarization tools.

Machine Learning Intern, SAC-ISRO – Ahmedabad, GJ June 2024 – July 2024

- Developed a novel deep neural network architecture to automate the alignment of primary and secondary mirror segments for a telescope, enhancing precision and reducing manual intervention.
- Utilized residual attention networks (RANs) & multi-scale feature extraction to optimize image processing tasks.
- Proposed real-time feedback mechanisms to dynamically adjust mirror positioning for optimal alignment.
- Collaborated with astrophysicists & optical engineers to understand telescope architecture & requirements, gather domain knowledge and integrate AI-driven solutions into the telescope's control systems.

Projects

chatDocs - RAG App | Python, Langchain, OpenAI, FastAPI, ChromaDB, SQLite, Pydantic, Streamlit

- Developed a robust RAG-based chatbot with LangChain & OpenAI, achieving 95% context accuracy.
- Integrated the RAG pipeline with a Streamlit app via FastAPI & SQLite for efficient session management.

Stock Genie - Predictive Modelling | Python, PyTorch, Streamlit, Yfinance, Plotly, Pytest

- Built a scalable stock price prediction system using a LSTM network, achieving an average R^2 score of 0.85.
- Automated data analysis, model training & inference with real-time data fetching, logging & unit testing.

genfunc - Python Library | Python, OpenAI, Anthropic, Logging, Pytest

- Shipped a python package that leverages power of LLMs to generate functions based on a given description. It reduces time taken to explicitly code one-time use functions & is useful to generate complex boilerplate code.

Education

Vellore Institute of Technology (Bhopal, MP) June 2020 – Sept 2025

M.Tech Artificial Intelligence (5 Year, Integrated) CGPA - 8.89/10

Skills

Languages: Python, C++, SQL, HTML/CSS JavaScript.

Libraries: PyTorch, Tensorflow, Keras, Langchain, transformers, Scikit-learn, OpenAI, Pytest, FastAPI, Pydantic, Streamlit, Kivy, OpenCV, MLOps, Numpy, Pandas, BeautifulSoup, Selenium, Plotly, Matplotlib, Seaborn.

Tools: Git/Github, Docker, REST APIs, SQLite, MongoDB, ChromaDB, PineCone, MySQL, RunPod.

Extra-Curriculars

- Led cultural initiatives as Student Council's Cultural Secretary at VIT Bhopal, organizing over 50+ events including AdvITYa'23 that engaged 4500+ students, driving a 40% increase in campus participation.
- Lead the Editorial Team at AI Club & Published 3 editions of The Tech DAigest Magazine, promoting AI literacy among 8000+ university students. Acted as the chief editor, graphics designer, content writer & proofreader.