

AADIT KSHIRSAGAR

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EDUCATION

B.E., Computer Science
Savitribai Phule Pune University

Jun 2020 - July 2024
CGPA-8.89

WORK EXPERIENCE

Calsoft Inc, Pune: Data Science Intern

Apr 2024 - Present

- Work on the AI/ML team, focusing on Generative AI to enhance data-driven decision-making processes.
- Currently in the CALTIA-2.0 team, focused on integrating GenAI services in test case production.

Intellect Design Arena Ltd, Pune: AI/ML Intern

Sep 2023 - Mar 2024

- Developed "iGTB Copilot", a Chatbot in collaboration with Microsoft, improving relationship manager efficiency.
- Executed a successful proof of concept that leveraged advanced AI technologies to increase customer acquisition.

Intellect Design Arena Ltd, Pune: Software Developer Intern

Jan 2023 - Mar 2023

- Implemented various Natural Language Processing techniques to carry out efficient filtering of bank and customer data
- Led a project utilizing Streamlit and AI technologies that reduced KYC checks for bank customers by 45%.

PUBLICATIONS

Enhancing RAG Performance through Chunking and Text Splitting Techniques:

- Published in the "International Journal of Scientific Research in Computer Science, Engineering and Information Technology"
- URL: [Click here](#)

PROJECTS

Easy KYC checks for bank users

- Developed a web app that decreased KYC check times by 45% using Python, Streamlit, Pytesseract, and various other Natural Language Processing techniques.

Medi-Match Copilot

- Engineered a copilot integrating Meta's Llama LLM and RAG framework, to detect various diseases by interpreting respective symptoms to cater to underserved clinics which face constant shortage of doctors.

IP Address Tracker

- Utilized IPify and Leaflet Map APIs to enable effortless location tracking of registered IP addresses, displaying results on a real-time global map interface.

Intra-Organizational Threat Detection Chat App – Final Year Project

- Developed a comprehensive chat application using the MERN stack integrated with Google's Gemma LLM to monitor and flag potential threats/data leaks in employee conversations within an organization.

TECHNICAL SKILLS

Programming Languages: Java, C++, Python

Web Technologies: HTML, CSS, JavaScript, AngularJS

Database Management: SQL, MongoDB, PostgreSQL, DBMS, VectorDBs

Cloud & DevOps: Google Cloud, Azure Framework, Netlify, REST Api, FAST Api

Software Tools: GitHub, Jira, Figma, PostMan, PgAdmin, RunPod, Swagger

AI & Machine Learning: GenAI, LLMs, RAG, Langchain, LlamaIndex, Prompt Engineering, LangGraph, Ollama, Agentic Workflows, NLP

CERTIFICATES AND ACHIEVEMENT

- Earned multiple badges in Google Cloud's Cloud Engineering and Data Science/Machine Learning Tracks.
- Completed several courses in Data Science and Product Management on Coursera.
- Active participant in algorithmic challenges on LeetCode.
- Achieved 2nd place with my team at Aspire 2024, a national-level project competition, for my final year project.
- Secured 3rd place in the Combat Nautica at IIT Bombay's Tech fest, Asia's largest technology competition.