

Education		
Amity University Mumbai		Mumbai, India
Bachelor of Technology - Computer Science Engineering; CGPA: 9.19		
Minor- Business Management		2021-2025

Work Experience		
Larsen & Toubro		
Artificial Intelligence & Machine Learning Intern (Full-time)		Offline
Contract Analysis: Fine-tuned the AI model using techniques like: Chunking, Vector Embeddings and Temperature Scaling and also performed Data Analysis of the data.	June 2023 - July 2023	
EPC Cost Component & Scope Analysis: Created an AI model to give the cost component & scope of work for the EPC Project using OpenAI'S GPT 3.5/4 Large Language Models. Used the Langchain Framework and Prompt Engineering to achieve this.		
IGS Recruiting Solutions		
Software AI/ML Developer (Full-time)		Remote
Working on GenAI tasks like Content Generation, Retrieval Augmented Generation (RAG), Named Entity Recognition (NER) for various use cases. Used claude-2, gpt-3.5/4,llama2and more models from huggingface. Used the Langchain framework along with libraries like prodigy,beautifulsoup and spacy. Worked with SQL and vector databases like chromadb .Also tested API's built using fast api using postman. Employed techniques such as prompt engineering, model fine-tuning, data analysis, vector embeddings	Oct 2023 - Present	

Projects	
Article Generation App (AI, Langchain, Streamlit): Built an AI model which generates an article on any topic you like along with pictures. Used the Llama 2 model and the pexels api to build it.	
Integrated Agricultural Decision Support System (Python, Machine Learning): This project introduces a comprehensive agricultural system with four key components: Disease Prediction, Crop Trajectory Prediction, Geographical-Based Crop Suitability, and Profit-Centric Crop Selection. Empowering farmers with proactive insights, it enhances resource allocation, yield outcomes, and profitability.	
Supply Chain Optimization (Python, Llama2): Created a recommendation system using Llama 2 LLM that was hosted on huggingface. The system was fine-tuned to enhance supply chain management, specifically in the areas of supplier, manufacturer, distributor, and retailer.	
Wordle Clone (Swift): Built a Wordle Clone on swift having all of its basic functionalities implemented.	
Calendar Automate Bot (Python, SQLite): Built a calendar bot to perform tasks like add event, show total hours spent, etc. on python connected with a SQL database along with the Google Calendar API	
Heart Disease Prediction (Machine Learning): Built a machine learning model using concepts like K nearest neighbours, Random Forest Classifier to predict heart disease. Used Jupyter Notebook.	

Skills Summary	
Languages:	Python, C++, JavaScript, SQL,Java, Swift, HTML, CSS
Frameworks:	Langchain, NLTK, TensorFlow, Keras, Django, Bootstrap, Tailwind, OpenAI API, Streamlit
Tools:	GIT, Vector Databases, MySQL, SQLite, Jupyter Notebook, Figma, Anaconda, Postman, Chromadb
Libraries:	spacy, beautifulsoup, Anthropic API,
Soft Skills:	Leadership, Event Management, Public Speaking, Time Management

Honors and Awards	
Achieved the Tier 3 milestone as the Google Cloud Facilitator	

Position of Responsibilities	
Technical Head - Entrepreneurship Cell (Amity University Mumbai): Created and maintained the official website for Entrepreneurship Cell. Conducted a number of Entrepreneurship-related activities, including webinars, workshops, competitions, etc. (August 2022 - July 2023)	
Event Head at Technical Fest - Technicia 2023 (Amity University Mumbai): Conducted Technical Paper Presentation Event impacting over 50 students for the College Tech Fest	
Google Developer iOS Development Lead (Amity University Mumbai): Organised a number of bootcamps, workshops etc. related to app development (August 2023 - Present)	

Volunteer Experience	
IT Head for College Cultural Fest Event - Aminova 2023 (Amity University Mumbai): Handled the IT management for two club events for the annual college cultural fest with over 700 students attending	
IT Head for College Cultural Fest - Aminova 2022 (Amity University Mumbai): Handled the IT management for a club event for the annual college cultural fest with over 500 students attending	