




Anshuman Swain

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Education

Amrita Viswa Vidyapeetham

Bachelor's in Technology

Major: Computer Science and Artificial Intelligence

CGPA: 8.6/10

Kerala, India

September 2021 – June 2025

Projects

SearchProbe

GPT-3.5, Langchain, FastAPI

[Code](#)

Nov-Jan 2024

Created a system where you describe your personal goal or task. The system comprehends your goal, searches the web, and finds all the contacts necessary for successfully achieving your goal. It utilizes LLM models to understand your goals, offer solutions, and locate the right person for you on the internet.

Aaraki - RAG + Chat History

Llama-2, Langchain, PineconeDB

[Code](#)

Sep 2023

Developed a command-line interface (CLI) application for multi-PDF analysis and summarization utilizing text retrieval and generation with Llama-13B large language model. Users can pass multiple PDFs to the app and ask questions, with the system maintaining context through chat history.

Antibiotic Stewardship Project

Django, NextJS, React, GraphQL

[Frontend, Server](#)

Feb - Jun 2023

A portal used by the microbiology department of Amrita Hospital which is one of the largest super-specialty health centers in India. Using this portal, the hospital manages their septic patients undergoing reserved antibiotic medication, which includes checking their active patients, keeping their culture reports, clinical signs, and getting their daily medical report reviewed by a doctor.

CIR Internship Portal

NextJS, Express, MongoDB, TailwindCSS, NodeJS

[Repository](#)

Nov-Dec 2022

This portal was made for my university's Corporate and Industrial Relations(CIR) department. It helps the students get job internships through the CIR department and aids the department in managing incoming internships from other companies.

Experience

Margati

ML Engineer Intern

Nov 2023 – Feb 2024

LLM Pipelines, Product

Margati is a recent startup, its dedicated to help individuals in achieving their goals by providing enhanced clarity on their task objectives and facilitating connections with individuals capable of contributing to the successful completion of those goals.

EUS-ML

Research Intern

June 2023 – Present

Dev-Ops, ML Engineer

EUS-ML is an ongoing research project, on the classification of endoscopy stations done for pancreatic cancer. I Designed and Maintained MLOps tools and infrastructure to support the deep learning project, resulting in streamlined development and deployment processes.

Developed software products to help doctors do live station data labeling.

CIR, Amrita

Software Development Intern

Sep 2022 – Dec 2022

NextJS, MongoDB, Express

My job was to design and build a portal to track all Internships of Amrita Students by the Corporate and Industrial Relations(CIR) department of the University.

It had all the features like an auto-generating letter, authentication,

amFOSS

Member and Mentor

Dec 2021 – Present

amFOSS is the Free and Open Source Software club of my college. I am an active member and also mentor my juniors and get them exposed to new technologies and open source as well.

Volunteer Work

Hacktoberfest

12 Oct 2023

Conducted, an annual club event sponsored by GitHub as an event organizer. It was to help people start their open-source journey and learn to use collaborative tools like git for development.

Summer workshop for school students

April 2023

Helped organize a one-week programming workshop for school students in the summer of 2023. Took a class on web development and design for beginners.

Freshers Workshop

Nov 2022 – Dec 2022

Organized a month-long workshop for university freshers. Taught them Web development, Git, GitHub, Linux, Python, and Flutter. Also made a small community where people help each other in software development.

Technical skills

Languages

Python, JavaScript, Typescript, C++

Frameworks

PyTorch, React, Next.js, Django, OpenCV, NumPy, FastAPI

Tools

Git, Linux, Docker, VS Code, AWS