

TANMAY AGRAWAL

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EXPERIENCE

Emendo.AI, Remote: Software Engineer Intern

March 2024 – Present

- As a Client-Side Developer, I spearheaded the creation and refinement of UI/UX elements and functionalities for the initial Minimum Viable Product (MVP) of the application.
- Developed the product portfolio website, showcasing comprehensive offerings and enhancing brand visibility.

Samsung R&D Institute India, Remote: Samsung Prism R&D Intern

Jan 2024 – Present

- Engaged in collaborative brainstorming sessions with colleagues to generate and explore research-oriented concepts in relation to the project.
- Provided contributions by synthesizing insights gleaned from diverse research papers.

PROJECTS

Educative.AI

Feb 2024 – Mar 2024

Python, FastApi, React.Js, TailwindCSS, LLMs, Tensorflow

- A student aiding and notes organizing application that seamlessly integrates an OCR model and 10+ fine-tuned open-source LLMs, designed to assist with notes alongside blackboard pictures.
- A React application with FastAPI integration, featuring capabilities such as speech-to-text-based doubt resolution, MCQ generation, resource retrieval, and note organization for comprehensive student assistance

Paperpilot.AI

May 2023 – Jun 2023

React.js , Sk-learn , AWS, Vercel ,Python

- Designed and developed a responsive website with an authentication system and a scalable backend.
- Employed KNN, TF-IDF for research paper recommendation and AWS SES for email service.

Bloom

Sept 2023

Next.Js, TailwindCSS, Valtio

- Crafted a responsive website ensuring smooth interaction for adding and removing items from the shopping cart, enhancing user experience.
- Implemented dynamic routing for individual product pages, optimizing navigation and showcasing diverse product offerings effectively.

TECHNICAL SKILLS

Programming: Javascript, C/C++, Python, TypeScript

Web and Database: HTML, CSS, MySQL,API

Frameworks and Libraries: React.Js, TailwindCSS/Nativewind, Node.Js, Next.Js, React Native, Tamagui, Sveltekit

Tech: Git, Visual Studio, MS Office, Open Office, Vim, Nano

EDUCATION

B.Tech, Computer Science Engineering

Graduating May 2026

SRM Institute of Science and Technology, Kattankulathur, Chennai

8.91 GPA

Faculty of Engineering and technology

Relevant coursework: Data Structures and Algorithm, OODP, PPS, OS etc

ACHIEVEMENTS

Runner-up of HackNova

Mar 2024

Stood 1st Runner-up in HackNova 1.0, a national level Hackathon organised by NSCC SRM.

Winner of Quantathon 1.0

Aug 2023

Stood winner in Quantathon 1.0, a hackathon organised by SRM Quantum Computing Club.

NCSC nationalist 2019

Dec 2019

Participated in nationals of NCSC- a research based competition organised by Government of India.