MAYUKH SAHA

COMPUTER SCIENCE ENGINEERING STUDENT

CONTACT

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Bengaluru, KA, India

SKILLS

Languages: C/C++, Rust, Javascript, Java, Python

Frameworks: Tensorflow, Keras , Node/ Express.js, Sveltekit , React.

Softwares: VS Code, Linux, Photoshop, Illustrator, Indesign, Figma.

EDUCATION

Computer Science Engineering, with Specialisation in AI

Manipal Institute of Technology, Bengaluru

2022 - 2026

CERTIFICATIONS

- ·AI for Medicine
- ·DeepLearning.AI TensorFlow Developer
- ·Mathematics for Machine Learning and Data Science
- ·Oracle SQL Databases

PROFILE

2nd Year CSE student from Bengaluru, Karnataka. Interested in Research and development in Machine learning, Web Development and low-level systems

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POSITIONS OF RESPONSIBILITY

Competitive Coding Lead

Codex Coding Club, MIT Bengaluru — November 2022 - December 2023

- ·Led the competitive programming department of Codex, The biggest club in the university campus.
- ·Hosted multiple competitive coding contests, which received overwhelmingly positive responses.
- Contests involved setting up questions, moderation and fixing technical issues during the event

Design Lead

Neura AI-ML Club, MIT Bengaluru — October 2022 - September 2023

- ·Designed the logo for the Neura AI club, one of the largest student clubs in the college.
- The lead designer for all projects involving the club, including a 2-day Industry Conclave meet, which involved 8 guest speakers from the industry.

PROJECTS

Meow - OS

Operating System | Github — December 2023 - Present

- ·Developing a Rust-based basic operating system using bare-metal programming from scratch.
- ·The final goal is to be able to run low level C and assembly games, other than to understand computers better.

AI for Medical Diagnosis, Prognosis, and Treatment

Machine Learning | Github — November 2023 - January 2024

- ·Set of Projects part of Deeplearning.AI's courses
- ·Diagnosing diseases from x-rays and 3D MRI brain images.
- ·Predicting patient survival rates more accurately using tree-based models.
- ·Estimating patients' treatment effects using data from randomized trials.
- ·Automation of labeling medical datasets using BERT LLM.