

MAYUKH SAHA

COMPUTER SCIENCE ENGINEERING STUDENT

CONTACT

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- Bengaluru, KA, India

SKILLS

- Languages: C/C++, Python, Javascript, Python, Rust
- Frameworks: Tensorflow, Keras, Flask, Express.js, Sveltekit
- 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

3rd Year CSE student from Bengaluru, Karnataka. Interested in Research and development in Machine learning and software engineering

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.

az-rmbg

Cloud Development | [Github](#) | [Site](#) August 2024

- Built using python and flask. Deployed using Docker and Azure app services.
- Web Application that removes backgrounds from images using rembg, a U2-net based pre-trained segmentation model.
- Drag and drop feature, requiring 2x less memory and storage to render return images compared to Meta's SAM-b.