

KAUSTHUBH J RAO

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OBJECTIVE

Software Engineer (Fresher), seeking full-time AI Developer, Software Developer, Full Stack Developer roles.

EDUCATION

Bachelor of Artificial Intelligence and Machine Learning , NMAMIT Nitte, Karkala	Expected Aug - 2025
Computer Science , Canara Pre University College, Mangalore	2019 - 2020
Schooling , BGS High School, Kavoor, Mangalore	2013 - 2018

SKILLS

CGPA	9.41
Technical Skills	Programming, Git & GitHub, Typing.
Soft Skills	Leadership, Communication
Languages	Python, Javascript, C.
Web Development	SvelteKit, NodeJS, Tailwind, React, NextJS, Firebase, Vercel, Postgres.
AI	Design, Pytorch, Langchain / Langgraph, Gradio

EXPERIENCE

- **Intern at Edgeverve Systems:** Building Agentic AI Systems for banking solutions, Feb 2025.
- **Intern at Cantilever Labs:** Content Developer in the field of AI & ML

PROJECTS

X-Cortex An engine designed to automate digital interactions through LLMs. It runs locally and fine-tunes models to mimic your style, enabling digital conversations on your behalf. Developed a custom WhatsApp Web automation library using Playwright for this purpose.

LLM Optimization and Research As part of a major project, explored various techniques and custom ideas for optimizing and distributing LLMs. Utilized Genetic Algorithms for pruning weights.

TASC Website Developed the official website for the branch representative organization, TASC. Built using the meta-framework SvelteKit, Tailwind CSS. Firebase was used as the database for everything. ([Try it here](#))

Incridea Website Contributed to the website for NMAMIT's tech fest, "Incridea." Focused primarily on front-end development using React and Next.js. ([Try it here](#))

EXTRA-CURRICULAR ACTIVITIES

- Invited by Rakuten to set up technical booth at Rakuten Conference 2024 in order to present our X-cortex idea to 1000s of people (**2024**).
- First Place in the "Hackfest" hackathon organized by FLC, Sponsored by EGDK India in the logistics domain (**2024**).
- Runner-up in the "HackToFuture" hackathon at SJEC, sponsored by EGDK India (**2024**).
- Engaged in the Google Developer's Fest hosted by Niveus Solutions in Mangalore (**2023**).

LEADERSHIP

- Served as Joint Technical Lead for the department's student committee, TASC. Organized various events including "Ace the Campus," "E-Sports Mayhem," and "Git-GitHub Workshop." (**2023-2024**)
- Lead the organization of a 24-hour Hackathon named "Smart Nitte Hackathon," marking the first time such an event was held in six years. Was a core under the technical committee .(**2023**)