Vishnu Vinod|ED20B073

Indian Institute of Technology Madras

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EDUCATION AND SCHOLASTIC ACHIEVEMENTS

Program	Institution	%/CGPA	Year of Completion
Dual Degree in Engineering Design	Indian Institute of Technology, Madras	8.65	2025
Class XII (CBSE)	SFS Public School, Kottayam	95.8	2020
Class X (CBSE)	Bharatiya Vidya Bhavan, Kozhikode	92.2	2018

- JEE Advanced (2020) AIR **3278** among 1.5 lakh candidates
- JEE Mains (2020) AIR **4104** among 11 lakh candidates
- KEAM[1] (2020) AIR **105** among 1 lakh candidates
- Qualified RMO 2019

RELEVANT COURSEWORK AND SKILLS

Courses	
- Mathematical Foundations of Data Science	- Data Science: Theory & Practice[2]
- Functional and Conceptual Design	- Creative Design
- Machine Learning by Andrew NG[2]	- Series & Matrices

Skills	
- JS, Python, C, HTML, CSS, React JS: Proficient	- Next JS, React Native, Electron JS
- SQL, TS, C, C++: Intermediate	- MongoDB, PostgreSQL, Firebase
- Node JS, Express JS	- Git & GitHub, Figma, Adobe XD - UI/UX

WORK EXPERIENCE

Interned at Accelerate 2022 (6 month)

- Developed the back-end of the online ordering and starter application for the restaurants using Express, Electron JS, CouchDB.
- Migrated the restaurant POS software from **Monolithic to Microservices based Architecture.**
- Wrote around **20,000[3] lines** of **modularized clean JS code** following a general pattern.

PROJECTS & EXPERIENCE

MP Portal (TenSci[4] App)

- Built a grievance portal for MP[5] (Web & mobile) of Idukki Constituency, benefiting 12 Lakhs+ citizens with their needs using React, React native, Firebase, Material UI, Express.
- Also prepared wireframes and mockups for the same, documenting the whole process.

Techsoc Hackathon Comportal

- Placed **3rd** in a 24 hour hackathon organised by the Techsoc club **out of 80 participants.**
- Built a complaint portal app which could potentially replace the current institute complaint portal using Next JS, React, SSR, MongoDB, Next-Auth, Mantine UI

FMHY Website

- Developed a full-stack website for a popular reddit community with CRUD: MERN stack, Reddit API.
- Solo developer/designer, also prepared wireframes and mock-ups using Figma.

Atmora (ongoing)

- Currently working as the lead developer on a music streaming app with dedicated storage using Next JS, PostgreSQL, Prisma ORM, Express JS. Also prepared wireframes & mock-ups using Figma.

Portfolio

- Built a portfolio app using Next JS, React, Tailwind CSS, Mantine UI, Framer motion.
- Implemented Parallax scrolling, Opacity change on scroll, smooth scroll and various other design techniques.

POSITIONS OF RESPONSIBILITY

Tensors WebOps Project Lead '22 - present

- Designed and managed the Tensor websites; Coordinated and led projects undertaken by TenSci[4] to fund its social campaign project.
- Recruited and trained a team of 9 junior coordinators guiding and mentoring them throughout.

Tensors WebOps Coordinator '20 – '22

- Developed the UI for Tensors dashboard app to keep track of budget and projects.
- Created the current Tensors Website from scratch using

Saarang WebOps Coordinator '20 –'21

- Worked on the Frontend & Backend for Sangam '21 using PostgreSQL, Express, & React.
- Made changes to the Saarang Website from time to time.

EXTRA-CURRICULAR AND CO-CURRICULAR ACTIVITIES

- Tech enthusiast, follows tech blogs/subreddits.
- Chess FIDE rating 1348, district Champion.
- School Team Basketball player

1-Kerala Engineering and Medical Entrance Examination, 2-Ongoing course, 3-Figure generated using Pull requests from GitHub, 4-TenSCI-Tensors Social Campaign Initiative, 5-Member of Parliament