

HARSH MALU

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EDUCATIONS

| Year | Degree | Institute | CGPA/MARKS |
|---------------------|---|------------------------------|------------|
| Aug 2023 - Present | B.Tech Computer Science and Engineering | MIT World Peace University | 8.12 |
| Apr 2021 - Mar 2023 | Intermediate | K. Dawale College of Science | 85.2% |
| Jun 2020 - Mar 2021 | Matriculation | Mount Carmel High School | 82% |

TECHNICAL SKILLS

Programming Languages : C, C++, JavaScript, TypeScript, Swift, HTML, CSS

Frameworks & Libraries : React, Node.js, Express, SwiftUI

Tools & Platforms : Git, GitHub, Postman, Xcode

SOFT SKILLS

Teamwork

- Worked in multiple teams for high-pressure team projects aligning with the team for technical capabilities.
- Contributed in multiple college and club events working in huge teams for smooth execution of events.

Leadership

- Club Coordinator** of CoDeC(Competitive Club of MIT-WPU)
- Vice-Chair** of the ACM MIT-WPU Students Chapter.
- Was elected as the **Class Representative** in the First Year of my BTech.

PROJECTS

ChampCox v2

- Contributed to the development of an **end-to-end tournament management system that automates initial draws and real-time progression tracking** for Rowing tournaments for the Maharashtra Rowing Association & Rowing Federation of India.
- Executed the **development and implementation of the crucial logic and algorithm for progression** in the tournament matches.
- Worked on **database management** using **IndexedDB** and **Dexie**.
- Contributed to **visualization, testing, file generation**, and **handled official documentation** during the project.

Technologies / Tools Used : NextJS, TypeScript, IndexedDB, Dexie, Tailwind CSS, ShadCN

EyeRis

- Developed an iOS application that assists in eye care through tests and exercises.
- Developed **face tracking** for eye tests and exercises using **ARKit**.
- Implemented **blink capture** to calculate **blink rate**.

Technologies / Tools Used : iOS, SwiftUI, ARKit, Xcode

MacOS Themed Portfolio

- A macOS themed portfolio using ReactJS.
- Implemented **interactive terminal interface, media player, and document viewer** components.
- Focused on **UI state handling** and component architecture.

Technologies / Tools Used : JS, SCSS, React

AWARDS & ACHIEVEMENTS

1420+ rated on CodeChef and LeetCode

CodeChef rating: 1421 | Solved 600+ problems across platforms

Smart India Hackathon (SIH) 2024

Selected among top 30 teams from 250+ submissions.

Selected for the iOS Student Developer Program (Cohort-1)

Selected in the top 100 students for the **iOS Student Developer Program** from over 600 entries in a 3-stage selection process.