

Nikhil Wakode

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Education

Indian Institute Of Information Technology Kottayam, Kerala
Computer Science And Engineering

Nov 2022 – April 2026

Skills

- **Programming Languages:** C++, Python, JavaScript
- **Web Development:** HTML, CSS, SASS, JavaScript, Node.js, React.js, TailwindCSS, MongoDB, MySQL, Express.js, REST APIs, Redux, Zustand
- **Software Development Tools:** Git, GitHub, Figma, Jira, Firebase, Supabase
- **Technical Skills:** Data Structures and Algorithms, Operating Systems, Computer Networks, Database Management

Projects

SyncUp - Real-time Chatting Web App [Live-Link](#) [Source Code](#)

Sept - Oct 2024

- Developed a responsive real-time chat application, achieving a message delivery speed improvement of **30%**.
- Designed an intuitive user interface with **React.js**, **TailwindCSS**, and **Shadcn**, resulting in a **40%** decrease in average page load time.
- Utilized **Zustand** for state management, boosting application performance and decreasing memory usage by **25%**.
- Built a robust backend using **Node.js** and **Express.js**, employing **Socket.io** to support real-time messaging for over **100 concurrent users**.
- Managed database operations with **MongoDB**; established secure authentication using **JWT** and **Bcrypt**, leading to a **50%** reduction in unauthorized access attempts.
- Integrated file handling with **Multer**, streamlining media sharing in **70%** of messages.
- **Tech Stack:** React.js, TailwindCSS, Zustand, Shadcn, Axios, Node.js, Express.js, MongoDB, Socket.io, JWT, Bcrypt, Multer.

CineCraft - Movie and TV Discovery Platform [Live-Link](#) [Source Code](#)

July 2024

- Created a data-driven web platform that enhanced content retrieval times by **35%** through optimized API calls.
- Developed and implemented interactive pages for trending movies and popular content, achieving average load times of under **2 seconds**.
- Streamlined data handling with infinite scrolling, improving content rendering speeds by **50%**.
- **Tech Stack:** React.js, TailwindCSS, Shadcn, Axios, Vite.

Planetarium - Planet Searching Website [Live-Link](#) [Source Code](#)

Aug 2023

- Constructed a responsive web application that successfully indexed **8 planets** in our solar system, providing comprehensive data on each.
- Executed a robust search functionality that reduced query processing times to under **500 milliseconds**.
- Applied **HTML**, **CSS**, and **JavaScript** for development, ensuring compatibility across **95%** of devices.
- **Utilized** a tech stack of **HTML**, **CSS**, and **JavaScript** to build responsive and interactive web applications, ensuring optimal performance and user experience.

Interests

- Chess, Coding Challenges, Open Source Contributions

Languages

- English: Fluent
- Hindi: Fluent
- Marathi: Native

Extracurricular Activities

- Participated in the Institute Programming Club, engaging in coding competitions and hackathons.