

Mohit Kadu

Web Developer / AI-Assisted Coder / React & TypeScript

Mumbai, Maharashtra, India

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LinkedIn: linkedin.com/in/mohit-kadu-856410243 • Portfolio: mohitkadu.vercel.app

Dev-Portfolio: mohitkadu-dev.vercel.app Projects Site: studkits.shop • TaskWise-AI

SUMMARY

Diploma student in Electronics & Telecommunication (Vidyalankar Polytechnic, Mumbai) and aspiring Junior Web Developer. Experienced in building web applications and AI-assisted tools, including StudKits, TaskWise-AI, AetherSurf, and multiple IoT prototypes. Skilled in modern front-end development, responsive UI, and integrating AI workflows to ship user-focused features efficiently.

SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Python, Java, C, C++

Frameworks & Libraries: React, Next.js

Web & Backend: REST APIs, Payment Gateways (integration experience), Basic Authentication & Authorization

AI & Tools: Artificial Intelligence (AI), Genkit, AI-assisted development workflows

Platforms & Services: Git, GitHub, Firebase, Supabase, VS Code

Design: Figma, Canva, Responsive Design, Component-Based UI

Concepts: Front-End Development, State Management, Basic Data Structures & Algorithms, Project Planning

Other: IoT Prototyping, Embedded Basics, Multilingual (English, Hindi, Marathi)

EXPERIENCE

Web Developer

June 2025 – Present

StudKits, Mumbai, India

- Develop and maintain the StudKits platform that helps students discover project kits and study resources.
- Enhance user experience through a clean, intuitive UI and responsive layouts for both desktop and mobile.
- Curate coursework and study kits tailored to multiple subjects and levels, improving learning outcomes.
- Implement resource sharing features to encourage peer collaboration and support among students.

Intern

June 2024 – August 2024

Technovision India Pvt. Ltd., Goregaon, Maharashtra, India

- Supported senior engineers with basic testing, documentation, and electronics-related tasks.
- Assisted in integrating hardware modules and observing troubleshooting practices in real-world systems.
- Gained exposure to professional workflows, team communication, and delivery within deadlines.

PROJECTS

TaskWise-AI – AI-Powered Task Management & Evaluation

2025

- Built an AI-driven task management tool that helps users create, evaluate, and prioritize tasks using intelligent prompts.
- Integrated AI assistance to generate breakdowns, suggestions, and evaluation of task difficulty and priority.
- Utilized modern front-end technologies with a focus on clean UX and clear information hierarchy.

AetherSurf – AI-Powered Browser Prototype

2025

- Designed and developed an AI-assisted browser-like interface that aggregates results into steps, references, and media.
- Experimented with different AI backends (e.g., local and hosted models) and model-switching for better responses.
- Implemented local storage-based search history and a minimal, distraction-free UI.

StudKits Platform

2024 – 2025

- Co-created a platform to showcase ready-to-assemble project kits for students, hobbyists, and professionals.
- Used React/Next.js to build reusable components and responsive layouts.
- Collaborated on content structure for IoT, robotics, and electronic kits to simplify adoption of projects.

Portfolio Website & IoT Prototypes

2023 – 2025

- Developed a personal portfolio website using HTML, CSS, and JavaScript to highlight skills, projects, and contact details.
- Built IoT prototypes using microcontrollers and common sensors, sending data to cloud services (e.g., Firebase/Supabase).
- Strengthened understanding of end-to-end flow from hardware signal to frontend visualization.

EDUCATION

Vidyalankar Polytechnic, Mumbai

2022 – 2025

Diploma in Electronics & Telecommunication Engineering

IES Raje Shivaji Vidyalay, Mumbai

2008 – 2021

Secondary School (1st to 10th)