

HARSH RAI

☎ +91-7009855363 ✉ raiharsh030@gmail.com [in linkedin.com/in/harshrai030](https://www.linkedin.com/in/harshrai030) <https://github.com/Harsh2563>

Education

Indian Institute of Information Technology, Gwalior

Jul. 2022 – Expected Jun. 2026

Bachelor of Technology in Computer Science

Madhya Pradesh, India

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Operating System
- Software Engineering
- Database Management
- Computer Networks
- Computer Architecture

Experience

Freelance Web Developer

Mar. 2024

Luco Homes | [Homepage](#)

Remote

- Established a website for a **startup** specializing in pre-engineered homes, demonstrating the company's products.
- Incorporated a built-in blog writer, allowing seamless publication of new blogs directly from the admin dashboard.
- Decreased load time by **50%** using **React lazy loading**, enhancing user engagement and insight.
- Empowered administrators to add, hide, and unhide FAQs and testimonials, increasing site flexibility.

Web Developer and Designer

Jul. 2023 - Present

Abhigyan Abhikaushalam Students' Forum | [Homepage](#)

Gwalior, India

- Developed a visually stunning website showcasing the institute's annual magazine, "Abhishar," using HTML and CSS, attracting over **200 engaged student readers** and increasing online magazine views by **45%**.
- Additionally, conceptualized and executed a visually compelling **68-page** annual magazine for the institute. Leveraged **Adobe Photoshop** to craft captivating layouts and graphics, overseeing the distribution of **400 copies**.

Technical Skills

Languages: TypeScript, C, C++, JavaScript, Java

Frameworks and Libraries: React.js, Next.js, Node.js, Express.js, Redux

Databases: MongoDB, PostgreSQL, SQL

Other Technologies: Firebase, REST API, Git, Prisma, TailwindCSS, PlanetScale, Clerk, Appwrite

Projects

Mood Tracker: A Journal App | [Next.js](#), [Prisma](#), [Typescript](#), [PlanetScale](#), [OpenAI](#)

Dec. 2023

- Made a specialized journaling application designed to analyze and track emotional trends over time. This app serves as a personal journal where users can document their thoughts, feelings, and experiences. What sets it apart is its ability to provide insightful analyses of the user's emotional patterns.
- Implemented authentication with **Clerk** for secure user management, incorporating features for updating and deleting accounts.
- Employed **Prisma** and **PlanetScale** for robust database management, maintaining records of users, journals, and their analyses.
- Utilized the **OpenAI** API through **Langchain** to access advanced analysis features for user-generated journals.
- Integrated the **Recharts** package to visualize users' mood trends based on the analysis of their journals.

Scribble - A Note Managing App | [React](#), [TypeScript](#), [CSS](#), [Appwrite](#), [Tiptap Editor](#)

Jan. 2024

- Developed a note managing app enabling users to create, organize, analyze, and manage notes using **Appwrite APIs**.
- Engineered an advanced note editor using **Tiptap Editor**, incorporating text formatting, image embedding, and list creation capabilities to streamline note creation.
- Implemented functionality using **Tiptap extensions**, allowing users to store various media types within their notes, including YouTube videos, PDFs, and code samples, thereby enhancing the richness and versatility of the note content.
- Integrated an AI chatbox feature using the **OpenAI model** to provide users with assistance and answer queries, thereby enhancing the overall user experience and accessibility of the application.

Achievements / Positions of Responsibility

- Conducted **40+** techno-managerial events as a core member of Abhigyan Abhikaushalam Students' Forum.
- Instructed and guided more than **300+ students** within the institute about the domains of programming and web development.
- Orchestrated the creation and execution of a visually captivating **68-page** annual magazine, showcasing institute achievements; leveraged Adobe Creative Suite to design layout, graphics, and typography, resulting in a **40% increase in reader engagement**.
- Developed a website to present the institute's annual magazine, "Abhishar," utilizing **HTML** and **CSS**, accessed by more than **200 students**.