

Harsh Yadav

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EDUCATION

Indian Institute of Information Technology, Nagpur

Bachelor of Technology in Electronics and Communication Engineering
specialization in Internet Of Things(IOT)

Nagpur, India

Aug. 2022 – Present

Central Board of Secondary Education

Senior Secondary (95%) - 2021, Secondary (92%) - 2019

India

EXPERIENCE

Freelancer

India

Jun. 2024 – Dec. 2024

- Developed and optimized user interfaces for an interview application.
- Proposed and initiated the development of a resume shortlisting AI bot.

PROJECTS

Event Management System

- Developed a full-stack Event Management System using MongoDB, Express.js, React.js, and Node.js. The platform enables users to create, manage, and RSVP to events. Implemented user authentication with JWT, a dynamic dashboard for event organizers, and a real-time chat feature for attendees.
- User authentication (JWT) and role-based access control. Event creation, search, and RSVP functionalities. Real-time chat using WebSocket for attendees to interact. Deployed using Docker

Real-Time Fitness Tracking App

- Built a mobile-friendly fitness tracking app leveraging Firebase for backend services. Users can log workouts, monitor progress, and connect with fitness buddies. Integrated Firebase Authentication for secure logins and Firebase Firestore for real-time data synchronization..
- User login and registration with Firebase Authentication. Real-time updates of workout logs and progress charts. Notifications for streak achievements using Firebase Cloud Messaging. Deployed on Firebase Hosting for seamless user experience..

Wireframe to Code App using AI

- Developed a Full Stack Wireframe to Code App using Next.js, React, and Tailwind CSS, enabling AI-powered automation for converting wireframes into functional components.
- Implemented TypeScript for type safety,integrated Firebase for backend services, utilized OpenRouter AI to enable AI-driven automation in UI development .

TECHNICAL SKILLS

Languages/Frameworks: Python, C++, HTML/CSS, JavaScript, NodeJS, ExpressJS, ReactJS, NextJS ,Tailwind CSS

Databases: MySQL, PostgreSQL, MongoDB

Tool:Git/Github, OpenCV, Tensorflow, Keil uVision, LTSpice, Winspice, Arduino, Postman, Docker, Kubernetes

Leetcode: [Harsh Yadav](#)

KEY COURSES TAKEN

Mathematics: Introduction to Linear Algebra, Basic Calculus, Probability & Statistics

Computer Science: Data Structures and Algorithms, Database Management System, Operating System, Machine Learning, Computer Networks

Electronics: Embedded Systems, Digital Image Processing, Internet Of Things(IOT)