

Kartik Hatwar

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EDUCATION

IIT (ISM) Dhanbad

Bachelor of Technology in Electrical Engineering(CGPA : 7)

December 2020 – May 2024

Jharkhand, India

EXPERIENCE

KPIT Technologies

June 2024 – Present

Full Stack Developer

Pune

- Led the creation and management of robust pipelines for ECU (Electronic Control Unit) testing, ensuring seamless integration and high efficiency in the testing process.
- Contributed to backend development using Java, Spring Boot, and Python, and enhanced frontend functionalities with React, improving the overall performance and user experience of the supported web platform.
- Provided ongoing support and enhancements to the web platform, ensuring it met the evolving needs of the ECU testing environment and maintained high availability and reliability.

Gypssy

May 2023 – July 2023

Frontend Developer

Remote

- Spearheaded the implementation of the Next.js framework to enhance user engagement and performance on Gypssy's website, demonstrating expertise in modern React.js frameworks.
- Designed and coded a visually appealing and intuitive user interface, prioritizing accessibility and visual appeal, and increasing user engagement by up to 50%.
- Bridged front-end and back-end systems for seamless data flow, improving website performance by 30% and showcasing a holistic understanding of web development.
- Employed Redux Toolkit and Tailwind CSS to efficiently manage application state, leading to improved performance and SEO by up to 90%.

PROJECTS

YouTube-Pro | Next.js, Next Auth, React.js, MongoDB, Tailwind CSS, Framer Motion

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- Architected a next-gen video platform delivering ad-free streaming, HD downloads, and a familiar YouTube experience (80% similarity). Elevated user engagement and satisfaction.
- Increased user engagement through intuitive UI and optimized performance (reduced page load times by 50%) for seamless user experience.
- Committed to crafting clean, maintainable code with strong typing using TypeScript. Proficient in Next.js, Tailwind CSS, Framer Motion, MongoDB, Next-Auth, and video streaming implementation, enabling 50% faster code writing.
- Built a robust architecture capable of handling 100s of concurrent users, ensuring secure user management with Next-Auth.

G-Manager | Node.js, Express.js and MongoDB

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- Optimized Gmail PDF management through segregation by sender, enhancing navigation and retrieval efficiency for specific documents. Achieved a 70% time saving for users.
- Empowered users to create custom folders based on PDF attachments, promoting personalized content organization and efficient workflows.
- Integrated PDF preview feature for immediate viewing, facilitating seamless downloading of PDFs as required enhancing user convenience and productivity. Validated by feedback from over 50 users.

TECHNICAL SKILLS

Languages: C++, Python, Go Lang, C, JavaScript, TypeScript, SQL, Java.

Technologies/Frameworks/Libraries: Next.js, React.js, Redux, Node.js, Express.js, HTMX, Framer Motion, Bootstrap, Material UI, Tailwind CSS, SCSS, CSS3, HTML5.

Databases: MongoDB, Firebase, MySQL.

Tools: Git, GitHub, Agile, Postman, Mongoose, Passport.js, VS Code IDE, Linux, Virtual Box, Next-Auth.

Other Skills: Object Oriented Programming, Data Structures and Algorithms, Operating System, Databases, System Design, DBMS.

CODING PROFILE LINKS

• [Codechef](#) • [Codeforces](#) • [Leetcode](#) • [GeeksforGeeks](#)