

Yash Kapure

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PERSONAL PROFILE

Frontend Engineer with over 4 years of experience building scalable user interfaces using TypeScript, React and Next.js. Boosted user retention by 900% through performance optimization and SEO enhancements. Developed PWAs and complex data visualizations with Three.js, D3.js and Recharts, integrating REST APIs for streamlined workflows. Collaborative team player focused on code quality, testing and delivering maintainable frontend features.

KEY SKILLS

- **Language:** JavaScript, TypeScript, HTML, CSS3, Java
- **Productivity Tools:** Cursor AI, ChatGPT, Gemini
- **Technologies and Frameworks:** React.js, Next.js, Redux, Node.js, Express.js, React Native, Vue.js, Tailwind CSS, Chakra UI, Socket.io, REST APIs
- **Developer Tools:** VS Code, Git, GitHub, GitLab, NPM, YARN
- **Deployment and Hosting Tools:** Vercel, Netlify, Heroku, GoDaddy.com, Firebase, AWS
- **Testing and Quality:** JEST, Testing, Code Quality
- **Authentication:** JWT, OAuth, Google Auth
- **Other Skills:** Frontend Development, Real Time, English Fluency, Leadership, Public Speaking, Designing, Software Development, Delivering Scalable Solutions, Critical Thinking, Communication, Time Management, Flexibility

WORK EXPERIENCE

Dragon Sino Group

Dec 2024 - Jul 2025

Frontend Engineer

Coventry, United Kingdom

- Designed and built engaging front-end development experiences using JavaScript, React.js, Next.js, and Tailwind CSS, incorporating real-time updates with Socket.io to enhance user interaction and satisfaction
- Developed backend systems with Node.js, Express, and MySQL, ensuring smooth operations and enhanced security using JWT authentication
- Managed cloud infrastructure with AWS, ensuring applications remained scalable and efficient
- Conducted biweekly team check-ins to keep projects on track and ensure alignment and collaboration, improving team productivity and adherence to web standards while enforcing code quality best practices
- Worked on SEO to improve searchability and ranking, increasing website visibility and traffic

Octane Apps - Tridebits Technologies

Jan 2024 - Nov 2024

Frontend Developer (React.js)

Maharashtra

- Designed and developed front-end designs and maintained projects using React.js, Next.js, and TypeScript for a product-based startup, considering user needs and enhancing user experience and interface design
- Utilized SEO techniques to optimize website performance and improve search engine rankings, leading to a significant increase in user retention and sales
- Integrated REST APIs and payment gateways (RazorPay, Easebuzz) using Node.js, streamlining transactional processes and improving payment flow efficiency.
- Conducted regular code reviews and implemented best practices with clear communication in English to maintain high-quality, scalable codebases and follow web standards
- Worked on developing a Progressive Web App (PWA) along with Data visualisation using D3.js, Chart.js, and Recharts.

Anandlok Ayurveda and Panchakarma Hospital

Dec 2021 - Dec 2023

Frontend Developer (Next.js)

Nagpur, Maharashtra

- Led the development of a full-stack website using Next.js and the MERN stack, delivering a seamless and responsive user experience.
- Engineered server-side rendering (SSR) with Next.js to enhance performance and SEO, resulting in a remarkable 700% increase in user retention.
- Developed REST APIs and implemented scalable, high-performance backend architecture using Node.js, Express, MongoDB, JWT, and React.js.
- Collaborated with design and product teams to align business requirements with technical solutions, ensuring high-quality project delivery.
- Conducted regular code reviews and implemented best practices to maintain high-quality, scalable codebases.
- Used Netlify's CI/CD pipeline to automate builds and deployments during feature rollouts, ensuring version control and consistent staging environments.

Care9 Fertility Centre

Mar 2023 - Dec 2023

Frontend Developer (Next.js)

Thane, Maharashtra

- Developed and maintained the front-end of the clinic's website using Next.js and Tailwind CSS, delivering a sleek and responsive user experience.

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- Integrated Google AppScript for automating administrative tasks, enhancing operational efficiency.
- Collaborated with product managers, designers, and backend engineers to align business requirements with technical solutions, ensuring high-quality feature delivery and ongoing site improvements

Extentia Information Technology

Aug 2023 - Nov 2023

Apprentice Salesforce Developer

Pune, India

- Streamlined workflows and managed business operations by gaining hands-on experience in Salesforce Admin, improving efficiency
- Developed and customised applications using Apex Programming, enhancing functionality within the Salesforce platform.
- Contributed to innovative solutions by actively participating in group discussions and collaborative problem-solving sessions, fostering team creativity

EDUCATION

University of Leicester

Sep 2024 - Sep 2025

Master's degree, Advanced Computer Science

United Kingdom

- **Achievements:** Distinction

MET Institute of Engineering, Maharashtra, India

2019 - 2023

Bachelor, Computer Engineering

India

- **Achievements:** Distinction

PROJECTS

Web Application for Coordination of Vivas – MERN Stack - Masters Project

- Developing a scalable, real-time coordination platform for university viva scheduling using Socket.io, Node.js, Express, and TypeScript for backend services
- Implementing Socket.io for real-time updates and seamless communication between users
- Building a responsive, intuitive UI with React, Redux Toolkit, and Chakra UI, supporting multiple user roles (students, professors, coordinators)
- Designing a conflict-free scheduling algorithm to streamline viva allocations and reduce administrative load across universities in the UK
- Focused on creating a role-based system with clean architecture and future scalability in mind

Online Interview Assessment System (OIAS) – MERN Stack - Bachelors Project

- Developed a comprehensive full-stack application using the MERN stack (MongoDB, Express, React.js, Node.js) with an intuitive, user-friendly interface built with JavaScript, React.js, and Tailwind CSS.
- Having the Feature of Real real-time communication using Socket.io, real-time communication includes Real Time code editor, Chat Box, Camera with all the Meeting Features.
- Utilized Node.js and Express to handle backend operations, while MongoDB was employed to efficiently store and manage application data.
- Implemented key features such as JWT and Google authentication, scheduling of interviews, real-time collaborative coding, and an admin panel with advanced controls.
- Defined different user roles, with candidates having limited permissions compared to admins to ensure smooth and secure operations

CLUBS & SOCIETIES

Google Developers Student Club

Sep 2021 - Jul 2023

Full Stack Developer Lead

- Led and mentored an enthusiastic team of aspiring developers in Full Stack Web Development, guiding them through the latest front-end and back-end technologies.
- Organised workshops and hands-on sessions on technologies like React.js, Node.js, MongoDB, and deployment strategies, providing practical industry-relevant experience.
- Facilitated the entire development cycle from front-end design to back-end deployment, equipping students with comprehensive full-stack skills.
- Spearheaded collaborative projects that encouraged team learning and real-world problem-solving, fostering innovation and creativity among participants.
- Promoted community engagement through events, helping members stay up to date with cutting-edge technologies and development practices.

QUALIFICATIONS & AWARDS

- Received an Appreciation Letter from my Bachelor's College for conducting Problem Solving and Version Control using Git and GitHub sessions for C-DAC- IIT in 2023.