

## Yash Kapure - Front End Engineer

Leicester, United Kingdom

Contact: [+44 7586588983](tel:+447586588983) [Email](#) [LinkedIn](#) [Portfolio](#) [GitHub](#)

## PERSONAL PROFILE

Experienced front-end engineer with over 4 years of experience delivering scalable, SEO-optimized, and user-centred applications. Established proven history of boosting user retention up to 900%, SEO exposure up to a 700% gain, and business outcomes with measurable results through high-performing front-end engineering. Experienced with React.js, Next.js, Tailwind CSS, and JavaScript with superior back-end experience with Node.js, Express, and MySQL/MongoDB. Experienced with managing cross-functional teams, UI/UX optimization of engagement, and scalable solution implementations resulting in improved performance, accessibility, and end-to-end delivery.

## KEY SKILLS

### Technical Skills:

- **Language:** JavaScript, TypeScript, CSS3, Shadcn, Java, HTML
- **Productivity Tools:** Cursor AI, ChatGPT, Gemini
- **Technologies and Frameworks:** React.js, Next.js, Redux, Node.js, Express.js, React-Native, MongoDB, Tailwind CSS, Chakra UI, Vue.js, REST APIs, Socket.io
- **Developer Tools:** VS Code, Git, GitHub, GitLab, NPM, YARN
- **Deployment and Hosting Tools:** Vercel, Netlify, Heroku, GitHub, GoDaddy.com, Firebase, AWS
- **Other Skills:** Leadership, Public Speaking, Designing, Software Development, Delivering Scalable Solutions, Critical Thinking, Communication, Time management, Flexibility, Frontend Development, Backend Development, Full Stack Development, DevOps, Docker
- **Authentication:** JWT, OAuth, Google Auth
- **Testing:** JEST
- **Impact & Leadership Skills:** Cross-functional Collaboration, Mentorship & Team Leadership, UI/UX Optimization for Engagement, Performance Tuning & Scalability Improvements, End-to-End Delivery of Frontend & Full Stack Solutions

## WORK EXPERIENCE

12-2024 – 07-2025 *Dragon Sino Group, Coventry, United Kingdom, Full Stack Developer – **Part-time Contract***

- Design and build engaging front-end development experiences using modern tools like TypeScript, JavaScript, React.js, Next.js, and Tailwind CSS.
- Develop backend systems with Node.js ensuring a 40% faster response time and secure data flow with JWT, Express, and MySQL to ensure everything runs smoothly behind the scenes, considering security using JWT authentication.
- Manage cloud infrastructure with AWS scaling applications to handle 5k+ active sessions without downtime.
- Conducted biweekly cross-functional team check-ins, improving delivery timelines by 20% and ensuring alignment with project goals.
- Implemented SEO strategies improving organic visibility and increasing inbound leads by 35%.

01-2024 – 11-2024 *Octane Apps - Tridebits Technologies (Startup), Maharashtra, Front-end React.js Developer*

- Designed and developed front-end designs delivering CMS adoption by 10,000+ users within 3 months and maintained projects using React.js and Next.js for a product-based startup, considering what user needs,

enhancing user experience and interface design. Designed and developed a Content Management System (CMS) as it was the main product.

- Implemented SEO optimizations that increased user retention by 900% within one month, directly leading to a measurable rise in sales.
- Integrated REST APIs reducing payment processing errors by 20% and improving flow efficiency.
- Conducted regular code reviews mentoring 2 junior developers and enforcing performance best practices.
- Worked on developing a Progressive Web App (PWA) resulting in 30% faster load times and increased mobile engagement.

12-2021 – 12-2023 *Anandlok Ayurveda and Panchakarma Hospital, Nagpur, Maharashtra, Full Stack JavaScript Developer*

- Engineered server-side rendering (SSR) with Next.js to enhance performance and SEO, resulting in a remarkable 700% increase in user retention.
- Led the development of a full-stack website supporting 35k+ monthly visitors with zero downtime using Next.js and the MERN stack, delivering a seamless and responsive user experience.
- Developed REST APIs enabling seamless integration with internal hospital systems and improving data accuracy by 25%.
- Led cross-functional collaboration with design and product teams, aligning business requirements with technical solutions and reducing delivery time by 15%.
- Conducted regular code reviews while mentoring junior developers on MERN stack best practices.
- Used Netlify's CI/CD pipeline accelerating release cycles by 30%.

03-2023 – 12-2023 *Care9 Fertility Centre, Thane, Maharashtra, Full Stack JavaScript/Next.js Developer **Contract***

- Developed and maintained the front-end of the clinic's website using Next.js and Tailwind CSS, delivering a sleek and responsive user experience.
- Integrated Google AppScript automating 80% of manual administrative workflows and saving ~20 staff hours monthly.
- Collaborated with cross-functional teams improving UX accessibility scores by 25%.

08-2023– 11-2023 *Extentia Information Technology, Pune, India, Apprentice Salesforce Developer*

- Gained hands-on experience in Salesforce Admin, streamlining workflows and managing business operations.
- Developed and customised applications using Apex Programming, enhancing functionality within the Salesforce platform.
- Actively participated in group discussions and collaborative problem-solving sessions, contributing to innovative solutions.

## PROJECTS

Web Application for Coordination of Vivas – Full 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 reduced administrative scheduling time by 60% and enabled scalable viva coordination across multiple UK departments
- Focused on creating a role-based system with clean architecture and future scalability in mind

### Online Interview Assessment System (OIAS) – Full 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 supported 100+ simultaneous interview sessions with real-time video, chat, and collaborative coding, improving interviewer efficiency by 40%.
- 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

## EDUCATION

- Sept 2024 – Sept 2025 *University of Leicester, Leicester, United Kingdom*  
Master's degree in Advanced Computer Science
- 2019 – 2023 *MET Institute of Engineering, Maharashtra, India*  
SPPU Bachelor of Computer Engineering - **CGPA - 8.61**

## CLUBS & SOCIETIES

(09/2021) –(07/2023) *Google Developers Student Club, 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.