

HARSHIT KANT

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Professional Skills

- Languages:** Python, Java, JavaScript, TypeScript, SQL, NoSQL, HTML/CSS
- Frameworks:** Node.js, React.js, Material UI, Express.js, Vue.js, Django, Flask, Angular, Next.js, Vue.js
- Cloud and Tools:** AWS, Mongo, Postgres, Stripe API, WebSockets, VSCode, Notion, Agile/Scrum
- Automation Tools:** Selenium, Playwright, Postman, BrowserStack, Appium
- CI/CD:** GitHub Actions, Docker, Jenkins

Experience

Software Engineer – Front End, Lumicell, Newton, MA

Aug 2024 - Dec 2024

- Spearheaded three feature releases for “Lumisight” medtech PWA, increasing pilot-user engagement by **25%** through streamlined imaging workflows and refined performance enhancements
- Minimized API load times by **40%** by introducing lazy loading, React.memo, and Redux middleware, cutting average response from ~500ms to ~300ms
- Enhanced system performance by 30% by analyzing user feedback and implementing optimized workflows through detailed debugging and software protocol improvements
- Deployed medical device streaming performance for (Lumisight) using Streamlit and FastAPI, identifying and resolving issues to improve result playback reliability by **20%**

Software Engineer, Great Learning, Bangalore, India

Oct 2021 - Apr 2022

- Developed and deployed interactive web modules with React.js and Vue.js, boosted the learning experience for Data Science and Machine Learning students, and driving a **20%** increase in lead generation
- Overhauled user experience by designing and developing multiple responsive React.js-based solutions, strategically reusing them to enhance departmental functionalities, reducing process time by **30%**
- Engineered a centralized platform for managing educational programs using React.js and Redux, integrating progress tracking and interactive assessments, which improved user engagement and earned a learner satisfaction rating of 4.8/5
- Coordinated a team of 6 engineers to develop responsive front-end components, ensuring seamless API integration and maintaining a high-performance UI, resulting in a program NPS of 65/100.

Software Engineer, upGrad, Bangalore, India

Sep 2019 - Mar 2021

- Revamped the admin portal and orchestrated its successful rollout, introducing impactful features that resulted in a notable **40%** increase in overall efficiency
- Built real-time chat and collaboration tools using **WebSockets** for interactive live sessions, enhancing the learning experience for students and instructors
- Conducted usability testing with a sample of **200+ students**, gathering feedback to improve UI/UX designs and eliminate pain points
- Augmented the user interface of upGrad's course analytics platforms by integrating modern front-end libraries like Vue.js and Bootstrap, resulting in a **20%** increase in user engagement
- Led front-end A/B testing efforts for new UI features, gathering actionable insights that improved key user flows and increased course completion rates by **12%**

Projects

TrueVoices – Testimonial Collection App | *TypeScript, React.js, Redux, Node.js, Express.js, MongoDB*

Nov 2024 – Dec 2024

- Developed an app with core features like user management, testimonial posting and secure payment processing
- Integrated features via Express.js and Stripe API, utilized optimized MongoDB, JWT tokens for user authentication, and React Router for seamless and secure navigation
- Designed all four API Points: GET, POST, PUT, and DELETE APIs on MongoDB upon the Express.js framework in JavaScript
- Implemented internationalization via the i18next library for multilingual users and configured the platform to function as a PWA(Progressive Web App)
- Designed and implemented the core dashboard for testimonial management, including voice and text testimonials

Education

Northeastern University

Master of Science in Information Systems, Major – Computer Software Engineering

Sep 2022 - Dec 2024

Boston, MA

Vishvesvaraya University

Bachelor of Engineering in Information Systems, Major – Information Science

May 2015 - Sep 2019

Bangalore, India