

Vishal Tyagi

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Summary

Detail-oriented Front End Developer with over 3 years' experience specializing in React.js, Next.js, JavaScript, and TypeScript. Proven ability to build user-friendly web applications, lead development teams, optimize performance, and enhance security. Highly effective both independently and as part of a collaborative team.

Skills

Languages: HTML, CSS, SCSS, JavaScript, TypeScript

Frameworks/Libraries: React.js, Next.js, Redux.js, React Router, MaterialUI, Ant Design, Tailwind CSS

Web & Performance: Web Performance Optimisation, Front-End Search Engine Optimisation, REST APIs

Tools: Jest, React Testing Library, Firebase, Git, GitHub, Webpack, Vite, Jira

Work Experience

Software Engineer - 2

upGrad Education Pvt. Ltd.

Aug 2024 - Present

- **Accomplished seamless integration of business operations** by implementing a multi-tenant, JSON-driven UI in React for the "one-OMS" Order Management System, which **led to unified process management for both upGrad and Knowledge Hut businesses.**
- **Accomplished efficient document processing** by developing a Document Management System for student applications, which **led to streamlined verification, prompt error correction by students, and smoother admissions progression.**
- **Accomplished a 40% reduction in payment drop-offs** by implementing Razorpay for domestic, and Stripe/Adyen for international payments, alongside designing a user-friendly payment page which **led to increased payment completions.**
- **Implemented a mobile-first payment** by incorporating QR code and UPI app payment flows directly within the upGrad website, which **led to a faster and more convenient checkout experience.**
- **Accomplished improved user experience and conversion rate** by **tracking and analyzing user behavior** to identify and address potential drop-off points, which **led to a more intuitive application process.**

Senior Frontend Developer 1

Josh Technology Group

Oct 2023 - Aug 2024

- Forged robust **Firestore security rules**, slashing vulnerabilities by 70% and **safeguarding user data in compliance with GDPR; protected 2% of annual revenue from potential breach penalties.**
- **Accomplished improved build efficiency** by **upgrading Webpack from v4 to v5**, which **led to a 37% faster build process (from 8 min to 5 min).**
- **Accomplished improved SEO rankings** by **migrating a WordPress app to Next.js and Tailwind CSS**, which **led to better support and high SEO performance.**
- **Accomplished a 26% loading time reduction** by **implementing page load and image optimization techniques**, which **led to meeting Core Web Vitals standards.**
- **Mentored 2 new joiners** through the induction process, **providing code reviews, guidance, and support.** Clarified doubts, aligned their learning paths, and helped them with project onboarding.
- Contributed to the **frontend recruitment drive by preparing 50+ interview questions** and reviewing interview materials. **Conducted 7 interviews**, evaluating candidates' skills and suitability for the role.

Frontend Developer

Josh Technology Group

Jun 2022 - Sept 2023

- **Enhanced test coverage by 30%** through comprehensive unit testing using Jest and React Testing Library, **achieving over 80% coverage.**
- **Reduced build size by 8%** through Firebase SDK upgrade from v8 to v9, leveraging tree-shaking capabilities.
- Refactored code, **reducing technical debt by 24% and improving code maintainability.**

Education

ABES ENGINEERING COLLEGE, Ghaziabad, Uttar Pradesh

Bachelor of Technology in Computer Science (CGPA: 8.45)

2018- 2022