

# Shubham Saurav

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**Summary** — Frontend Developer with 3 years of experience specializing in building responsive and user-centric web applications. Proficient in React, TypeScript, JavaScript, HTML, and CSS, with additional expertise in React Native, Angular, and LIT. Passionate about translating design concepts into high-quality code and enhancing user experience through efficient and scalable solutions.

## Skills

**Libraries** React, Redux, React Native, Angular, LIT  
**Languages** JavaScript, TypeScript, HTML

**Styling** SCSS, CSS, MUI, Paper  
**VCS & Tools** Bitbucket, Github, VS Code, Postman

## Experience

### Centilytics

Feb 2023 – Present

Senior Frontend Developer

- **Contributed to the eSwasthyaDham project**, enhancing pilgrim experiences by collaborating across teams to streamline the yatra journey and improve overall satisfaction.
- **Designed an advanced frontend architecture** for the Char Dham application, optimizing performance to handle daily user traffic between 400,000 to 500,000, ensuring a seamless and responsive user experience.
- **Implemented a micro-frontend architecture and lazy-loaded components**, reducing the build size by 30%, which significantly improved load times and application efficiency.
- **Developed a responsive, modular frontend system**, boosting performance and security, providing a more robust and secure application.
- **Led the development of the Mahindra Teqoos mobile application** in React Native, achieving a 40% reduction in the app's build size, resulting in faster performance and improved user experience.
- **Optimized page load times** by loading data in parts, improving feature and page load times by 50%, enhancing the application's responsiveness.
- **Developed a reusable component library** using the LIT framework, enabling faster and more consistent development across projects.
- **Created an efficient test suite using Storybook** for the component library, reducing testing time by 90%, streamlining the quality assurance process.
- **Interviewed and trained freshers**, mentoring them on development best practices and helping them integrate into the team efficiently.

### Capgemini

July 2021 – Oct 2022

Frontend Developer

- **Developed user journeys for multiple policies**, actively contributing to testing, iteration, and updates to improve functionality and user experience.
- **Implemented Yup for streamlined form validation**, simplifying validation logic and improving form handling.
- **Maintained and documented application changes and user journeys**, ensuring clear, up-to-date records for future development and team collaboration.

## Projects

### Mahindra TeqoOs

- **Developed the Mahindra TeqoOs Mobile App**, streamlining the complete lifecycle of work permits, including creation, approval, rejection, and editing, improving operational efficiency.
- **Implemented multi-user login and personalized data management**, allowing individual users to securely manage their tasks and workflows within the app.
- **Delivered a cross-platform mobile solution** for both iOS and Android using React Native, Redux, and Redux-Saga, ensuring seamless performance and consistency across devices.
- **Managed app deployment** on the Google Play Store, overseeing submission, testing, and release processes to ensure a smooth launch.

### eSwasthyaDham

- **Enhanced the E-Swasthya Dham platform** by developing a secure, technology-driven solution for pilgrims, featuring unique ID registration, health status monitoring, real-time location tracking, and emergency response management, ensuring a safe and organized pilgrimage experience.
- **Leveraged React.js, Redux, and Vite** to deliver a robust user experience with a focus on security, performance, and scalability, ensuring responsive and efficient application performance across devices.

- **Collaborated cross-functionally** with backend engineers and UI/UX designers to accelerate development, integrating dynamic backend features and iterative design updates, ensuring smooth, end-to-end functionality and a user-friendly interface.

#### Indreka

- **Architected and established the foundational structure** using Turborepo for the Indreka component library, incorporating **Husky** and **lint-staged** to ensure streamlined code quality and workflow automation.
- **Developed 15+ reusable components**, including key elements like Carousel, Loader Screen, Input Fields, and Buttons, enhancing the library's versatility.
- **Created a comprehensive test suite** for these components using **Storybook**, facilitating efficient testing, visualization, and documentation.

## Education

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**ITER S'O'A University**

*Bachelor of Technology in Computer Science and Engineering*

**2017 – 2021**

*8.34 CGPA*