

# Pratip Kayal

## Frontend Developer

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## Summary

Frontend Developer with 3+ years of experience designing and implementing interactive, scalable web applications. Proficient in JavaScript, React, Node.js, and UI/UX principles. Proven expertise in improving performance, enhancing user experiences, and delivering responsive, high-quality applications.

## Education

**St. Thomas' College of Engineering & Technology, Kolkata**

B.Tech in Information Technology

Aug 2016 – Jul 2020

GPA: 7.06/10

## Technical Skills

- **Languages and Frameworks:** HTML/CSS, JavaScript, React JS, Node JS, MongoDB, Redux, SASS/SCSS, React Native, Bootstrap, Tailwind CSS, Material UI, RESTful API, JSON, PostgreSQL
- **Tools and Platforms:** Git, Visual Studio Code

## Professional Experience

### Gospeedy, Kolkata, India

**Application Developer**, Jan 2023 – Present

- **Designed** and launched a single-page React app, reducing load times by 30% and increasing user engagement by 25%.
- **Developed** reusable UI components, improving development efficiency by 40% across multiple projects.
- **Integrated** Firebase Authentication for secure login functionality, reducing login issues by 40%.
- **Implemented** Razorpay API for seamless payment processing, improving transaction success rates by 35%.
- **Optimized** performance by cutting load times by 45% using advanced image compression and bundle optimization techniques.
- **Launched** the TS-Curo Hub Android app using React Native, surpassing 1,000 downloads within its first month.

### Optimasedge LLP, Kolkata, India

**Frontend Developer**, Nov 2021 – Dec 2022

- **Developed** modular React components with hooks, reducing code redundancy by 20%.
- **Enhanced** data-fetching efficiency by 30% using GraphQL, improving server performance.
- **Built** responsive UIs with React and Redux, increasing user engagement metrics by 30%.
- **Introduced** TypeScript to projects, reducing runtime errors by 15% through improved type safety.
- **Optimized** backend interactions using MongoDB and Firebase, boosting server response times by 25%.
- **Streamlined** debugging and code review workflows, cutting bug resolution times significantly.

### Modern Enterprise Pvt. Ltd., Falta, India

**Junior Frontend Developer**, May 2021 – Oct 2021

- **Developed** dynamic and engaging interfaces with HTML5, CSS3, and JavaScript, reducing page load times by 20%.
- **Improved** debugging workflows, accelerating issue resolution across teams.
- **Enhanced** code quality through structured reviews, reducing bugs by 25%.
- **Collaborated** effectively using Git, ensuring smooth version control and team synchronization.

## Projects

### Abhushan Jewellery

- **Developed** a full-stack e-commerce platform featuring a user-friendly, responsive design built with React and Tailwind CSS.
- **Increased** user retention rates by 20% through intuitive design and efficient payment processing.

### ChatterBox

- **Built** a real-time chat application using React, Node.js, and Socket.io, supporting group chats and individual conversations.
- **Implemented** user authentication with JWT and MongoDB to safeguard sensitive user data.

## Certifications

- Workshop on Information Analysis, St. Thomas' College of Engineering & Technology, 2018
- React (Basic), HackerRank, 2023
- Responsive Web Design, freeCodeCamp, 2022