

Anand Roy

Experienced front-end software engineer focused on building seamless user experiences.

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Relevant Experience

Nineleaps Jan 2019 — Present

FrontEnd Engineer, *BrowserStack - AppLive* Jan 2023 — Present

- Implemented Single Tab MultiSession feature for AppLive, expediting app testing, and enhancing efficiency.
- Implemented Rate limiting for Live and AppLive Dashboards to prevent abuse of the product by spammers.
- Migrated *BrowserStack Chrome Extension* to manifest v3, implementing feature usage tracking and reducing API calls and 4XX errors. Enhanced efficiency and reliability achieved.
- Took charge of triaging and resolving Sentry issues, leading to a notable 20% reduction in critical error incidents, strengthening system stability, and minimizing downtime.

FrontEnd Engineer, *BrowserStack - Live* Nov 2021 — Nov 2022

- Developed a scalable onboarding journey, achieved a 25% surge in user activation and a 6% rise in Aha moment, fostering substantial user engagement and driving business growth.
- Developed a *WebRTC troubleshooter*, significantly reduced customer support tickets by enabling users to diagnose and resolve network issues independently.
- Implemented product-wide accessibility, enhanced usability by ensuring seamless integration with screen readers, following industry best practices, and providing technical documentation.
- Added Safari Web Inspector as a developer tools option, boosting feature usage and empowering users with advanced debugging capabilities.

Software Engineer, *Caratlane* Nov 2019 — Sept 2021

- Developed *Digi Gold* Enabled customers to seamlessly Buy/Sell digital gold and exchange it for physical jewelry on the CaratLane website, expanding revenue streams and enhancing user engagement.
- Achieved a seamless user experience by harmonizing the product with critical systems, enhancing user satisfaction, and optimizing workflows.
- Developed platform using React and Styled Components, ensuring compatibility with the existing design system and maintaining responsive design for cross-device performance.

Software Engineer, *MindScribble* Aug 2019 — Nov 2019

Intern Jan 2019 — Aug 2019

- Developed MindScribble a Platform for simplifying the hiring process and to help select the best talents using TypeScript, React, Sass.
- Implemented React Router to manage comprehensive routing within the platform and utilized Redux for efficient application-level data management.
- Created a mailing service using AWS SES to send the assessment links to the aspirants and used EJS for creating the mail template. This service is currently used to send all the assignments to the aspirants.

Skills

Programming Languages

JavaScript, TypeScript, HTML, CSS, Sass

Libraries & Frameworks

React, Next.js, Redux, Node, Tailwind, GSAP, jQuery, Styled Components, Sentry, Enzyme, Ruby on Rails

Tools & Platforms

Git, GitHub, Vercel, Docker, Webpack, Gulp, Firebase, Storybook, Figma

Personal Projects

Productive Pause

The Productive Pause Chrome Extension is a productivity tool designed to help users manage their work intervals and breaks effectively, all within the convenience of their web browser.

Movies-GPT

Built a Netflix clone using React, Firebase, Tailwind CSS, and OpenAI APIs, featuring user-friendly movie browsing and personalized recommendations powered by OpenAI's advanced system.

Education

Don Bosco Institute Of Technology

Bachelor of Engineering in Computer Science

Achievements

BlackBelt

BrowserStack - Live

Above and Beyond

Nineleaps

I3indiya IOT challenge (Finalist)

IIT Bombay