

Sreetama Mitra

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PROFESSIONAL SUMMARY

Front-End Engineer with 6+ years of experience delivering scalable applications in banking, retail, and health tech. Skilled in React, TypeScript, and API integration, with additional exposure to Angular. Experienced in collaborating with UX and backend teams, with current work at NGO Coempower to build a website for their digital presence. Skilled in Micro Frontend, ReactJS, React Native in retail, HRM, and banking. Expertise in high-performance web applications, cloud-based deployments, and driving continuous improvement. Agile team player with a focus on security and mentoring.

Personal Project, Remote

In Progress — React Native Nutrition App for Postpartum Women

April 2025 – Present (Target Launch: Jan 2026)

- Co-developing a mobile app using React Native focused on providing personalisation.
- Nutrition and protein guidance for postpartum women, blending empathy-driven design with data-backed insights.
- Designed application flow and UI components in Figma, emphasising accessibility and usability.
- Building frontend, implementing authentication, Firestore DB, and analytics. The app is currently under development and is expected to be published by the end of 2025, supporting maternal health and nutrition education.

Cognizant (Software Developer), London

Nov 2021 – MAR 2024

Client: US Bank

London, Mumbai Skills Applied: JS, ReactJS, Redux

- Created Micro-Frontends and modular components using React.js, and worked closely with AngularJS Components, enabling cross-component scalability.
- Integrated automated testing pipelines using Jest and Cypress, and contributed to exploratory end-to-end testing. Partnered with UX teams to ensure WCAG-compliant, responsive design across web and mobile apps.
- Collaborated across frontend (React, Next.js, Redux) and backend (Node.js, Express) systems to build high-performance, user-centric interfaces; optimised data flow via REST APIs and JSON structures to ensure fast, seamless UI-backend communication

Client: Alberstson

Skills Applied: JS, ReactJS, Redux

- Optimised and managed local storage /session storage cookies.
- The application was built on a micro frontend with SSR implemented through Next JS, Utilised tools such as Swagger to proxy the GraphQL for complex API calls, and integration with Backend infrastructure developed on Java drastically reduced the API bottleneck from 70% to 57%.
- Using Emitter and Custom elements to establish communication with another Micros-Frontend module successfully
- The daily tasks included a review of PR deployed on top of AWS and familiarity with troubleshooting pipeline issues with the DevOps team

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🏠 [Codementor](#)

SKILLS

Programming Languages

1. JavaScript
2. ReactJS
3. Typescript
4. Angular JS

Framework

1. Redux-Middleware
2. Vuejs
3. Object-Oriented design.
4. NextJS,
5. ExpressJS
6. Other technologies: HTML5, CSS, JSON, ECMA-16, Linux Administrator, NPM, MySQL.

Tools

1. Visual Studio Code,
2. Git, Bitbucket, JIRA,
3. SSH, Figma,
4. Swagger
5. POSTMAN
6. Webpack

SDLC

1. Agile,
2. CI/CD.

Methodologies

1. User Experience (UX)
2. Prototyping
3. Wireframing
4. User Experience Design (UXD)
5. UX Research
6. Production Support
7. ITIL
8. WCAG 2.1 AA compliance, responsive UI development
9. Debugging: Performance profiling, memory leak detection

EDUCATION

Kalinga Institute of Industrial Technology University
B.Tech (Computer Science & Engg.)

CGI Mumbai, Software Engineer

Jun 2017 – Nov 2021

- Migrated JavaScript modules to React.js and Vue.js v3, introducing design patterns and OOP principles for maintainability.
- Implemented Redux + Hooks for state management and applied unit testing with Jest for feature stability.
- Ensured compliance with accessibility standards and delivered scalable UI for high-traffic applications.

Jun 2017 - Nov 2020- Skills Applied: SQL, Java, Unix, Prod-Support.

- Owned the E2E lifecycle of customer-reported issues and bugs, including triaging, technical analysis, troubleshooting, development, testing, conducting Sanity Profiling and debugging applications before production release
- Performed Heap Dump Analysis using the GC-Easy tool. Authored reusable SQL Queries to speed up client issue resolution, improving overall support hygiene. Handled a high volume of incidents, ensuring timely resolution and customer satisfaction.
- Performed rotational on-call Production Application support and developed shell patches in system admin environmental setup (Software Development Life Cycle), ITIL v4 (Information Technology Infrastructure Library), and release management.

SOCIAL WORK

Senior Web Developer, CO-EMPOWERED

Oct-2024-Present

Coempowered is a non-profit organisation dedicated to advancing education for disadvantaged communities, particularly youth and young women.

- Gathering Requirements: Understand the mission, target audience, and key features (e.g., donations, courses, volunteer sign-ups).
- Designing a Questionnaire: Focus on key features, design preferences, and target demographics.
- Documenting Webpage Flow: Map out the user journey and organise content structure with flowcharts or wireframes.
- Building a Next.js Application: Utilise features like static generation for content pages, API routes for form submissions, and client-side routing for smooth navigation.

Desire Foundation, Bhubaneswar — Social Intern

Jul 2016

- Desire Foundation is a government-registered trust that aims to empower underprivileged sections of society. It is currently focused on fulfilling the fourth Sustainable Development Goal—Quality Education—in the states of *Maharashtra*, Odisha, and West Bengal.
- Aims at Reinforcing the Right to Education Act
- Development of Plans and engaging projects for young kids.
- Successfully created a Presentation and delivered presentation


COMMUNITY & LEADERSHIP

1. Organiser | CityJS Conferences & JSMonthly – Conducting JavaScript conferences worldwide.
2. React Native London (RNL) Group | – Active participant in accessibility and performance discussions.
3. Member | Women Who Code – Guiding developers in front-end best practices and inclusive design.

PUBLICATION



 [Analysis of Pancreas Histological Images](#)

FICTA '16 Springer copyright

 [Fast algorithm: Segmentation of Histological Images.](#)

FICTA '18 Springer copyright

CERTIFICATION

1.  [Foundations of User Experience \(UX\)](#)
2.  [UX Design Process: Empathise, Define, and Ideate](#)
3. [Fundamentals of Responsible Generative AI](#)