Sreetama Mitra

https://github.com/sreetama54
https://www.linkedin.com/in/sreemit54/
Codementor

EXPERIENCE

PROFESSIONAL SUMMARY

Web Developer with over 6 years of experience, specialising in front-end development, complex data visualisation, and real-time data processing within investment banking, portfolio management, and risk assessment tools. 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: Dec 2026)

- Co-developing a mobile app using **React Native** focused on providing **personalised**.
- **nutrition and protein guidance** for postpartum women, blending empathy-driven design with data-backed insights.
- Designing the application flow and UI components in **Figma**, with a strong emphasis on accessibility, ease of use, and trust.
- Working as part of a passionate two-person team, currently building the frontend in React Native and planning to use **Firebase** as a lightweight, scalable backend solution (authentication, Firestore DB, and analytics).
- The app is currently under development and will be published by the end of 2025 to support maternal health and nutrition education.

Freelance Works, Remote

Jan '2025

- Developed a chatbot application with a backend in Node.js (Express.js) and a frontend in ReactJS, achieving a response latency of less than 100ms.
- Designed APIs and optimised server performance, reducing processing time.

Cognizant

Software Developer, London

Nov 2021 - MAR 2024

Client: US Bank m

- Created Micro-Frontends from scratch to modularise independent features from a monolithic application, using **TDD (Test-Driven Development)** to support scalable debit/credit card application flows.
- Developed and tested features using **React.js** and **Web Components** to ensure modularity, reusability, and independent deployment.
- Helped modernise customer-facing **mobile apps** during the build and test phases using **React Native** and tools like **Monterail**, focusing on seamless UI performance and cross-platform consistency.
- Worked on **unit testing and end-to-end regression suites** to ensure production readiness and smooth release cycles.
- Contributed to frontend development using **Ember.js** in legacy feature maintenance and transitioned UI components into modern frameworks.
- Prototyped and implemented dynamic UI elements using the **Lit framework** for lightweight, reusable web components across teams and platforms.

SKILLS

Programming Languages

1. JavaScript
2. ReactJS
3. React Native
4. Java
5. Typescript
6. NodeJs

Framework

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

Tools

1. Eclipse,
2. Visual Studio Code,
3. Git, Bitbucket, JIRA,
4. SSH, Figma,
5. Gradle
6. xcode(fimilar)
7. Expo
8. *POSTMAN* 🔗

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. Troubleshooting
8. ITIL

COMMUNITY & LEADERSHIP

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

Client: Alberstson

- Optimised and managed local storage /session storage cookies in ReactJS app for the settings Page .
- The application was built on a micro frontend with Server Site Rendering 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 API bottleneck from 70% to 57%.
- The daily tasks included a review of PR deployed on top of AWS and familiarity with troubleshooting pipeline issues with the DevOps team

EDUCATION

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

CGI **Mumbai,**

Software Engineer

Jun 2017 - Nov 2021

- Worked on Migrating JavaScript modules to the React.js Framework
- Handled critical features such as rent collection, tenant screening, and maintenance requests, ensuring efficient and reliable performance.
- Successfully worked toward efficient state management by implementing Redux and Hooks.

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

- Owned E2E lifecycle of customer-reported issues and bugs, including triaging, technical analysis, troubleshooting, development, testing, conducted Sanity Profiling and debugging applications before production release
- Performed Heap Dump Analysis using the GC-Eazy 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.

PUBLICATION

1. 🔗 *Analysis of Pancreas Histological Images*
   FICTA'16 Springer copyright
2. 🔗*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 A

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 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