ANIRBAN SAMADDAR

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Experience

ARC DOCUMENT SOLUTIONS INDIA PRIVATE LIMITED
July 2023 – Present

Software Developer — *Kolkata, India*

Skysite Archives 2.0 (In Development)

- Designed and implemented robust backend APIs supporting conditional data fetching, complex data transfer, list population, updates, and SQS message invocation, enabling core functionality of the new application.
- Worked extensively with Redis for caching and performance optimisation, and assisted in query design and optimisation to support scalable API operations.
- Resolved 30 critical API issues within two weeks as part of a coordinated effort to stabilise a legacy backend with over 80 known defects, helping bring the project back on track.
- Provided technical guidance to a junior backend developer, assisting with query writing, debugging, and API design to ensure delivery quality.
- Led frontend stabilisation efforts by fixing major functionality regressions, refactoring abandoned UI modules, and implementing data grids, infinite scrolling, and AWS SDK-based image uploads.
- Helped revive a two-year-stalled project to a stable staging release within a month, restoring planned functionality in collaboration with one other engineer.

Skysite Projects (In Production)

- Served as the primary frontend engineer for production React applications, collaborating in a cross-functional team with .NET and Node developers.
- Refactored a large legacy front-end code base and resolved 70+ defects, reducing issue counts from triple digits to near zero ahead of production releases.
- Led a security-driven migration of multiple React applications from Create React App to Vite, modernizing build tooling and improving performance.
- Upgraded applications from React 18 to React 19 with TypeScript, independently replacing incompatible libraries and stabilizing five production modules.
- Investigated and resolved customer-reported production issues, independently fixing critical defects and supporting cross-team root cause analysis.

iShipDocs – Support Dashboard (In Production)

- Developed a fully responsive internal support dashboard that reduced developer intervention by over 60% for operational tasks such as resending emails, resolving faulty zip downloads, and managing user data.
- Engineered a component-driven architecture using reusable UI components, improving development speed by 5% and reducing redundant library imports.
- Created a smart responsive rendering system using media queries to auto-switch between a generic MUI X DataGrid and card-based layouts, enabling scalable list views across the application.
- Identified and resolved 20 UI and logic bugs during development, ensuring a smooth rollout with minimal post-production fixes.

Education

FUTURE INSTITUTE OF TECHNOLOGY
July 2019 - August 2023

Bachelor of Technology in Computer Science and Engineering (DGPA: 9.04) — *West Bengal, India*

Technical Skills

Languages & Frameworks: JavaScript, TypeScript, React, Redux Toolkit, Redux Saga
Frontend: Single Page Applications (SPA), Component-driven Development, Responsive Design, MUI, MUI X DataGrid
Backend & APIs: REST APIs, Node.js, Redis, AWS S3, SQS
Tooling: Git, Postman, Axios, Vite, VS Code
Cloud & Integrations: AWS S3, Google Maps API, Google reCAPTCHA
Debugging: Chrome DevTools, Network inspection, Console debugging