Abhideep Ghosh
Associate Software Engineer

Frontend Software Engineer with expertise in creating intuitive interfaces and seamless user experiences. Proficient in modern frontend technologies and frameworks, adept at collaborating with cross-functional teams, and dedicated to best practices for continuous project improvement.

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WORK EXPERIENCE

Frontend Developer | Bookmark Editor
Dassault Systèmes

03/2023 - Present   *Pune, Maharashtra*

Bookmark Editor is a data management tool integrated into Dassault Systèmes' leading softwares (CATIA, Solidworks).

- Developed filter column functionality with improved accuracy (100%) and streamlined user experience in large datasets.
- Introduced real-time data synchronization across multiple widgets using custom JavaScript events, boosting productivity by 20%.
- Modernized data grid table UI by decluttering the interface and relocating features, resulting in a more user-friendly experience.
- Optimized the Bookmark Editor's multiple file upload functionality by preventing premature mode switching, ensuring real-time visual feedback during large uploads.
- Achieved 90% code coverage with Cypress through end-to-end testing. Ensured reliable JavaScript codebase with minimal regressions across new features and fixes.
- Worked with a diverse international team across time zones to achieve project goals.
- Collaborated cross-functionally to ensure seamless integration for Bookmark Editor within Dassault Systèmes' product suite.

PROJECTS

Summarize Websites Using AI (08/2023 - 10/2023) ⬈
Built with React, styled using Tailwind CSS, powered by Redux for state management, and utilizing OpenAI API for concise website summaries.

CyberNotes (01/2023 - 02/2023) ⬈
It is built with React.js, Express.js, Node.js and MongoDB (as the database). Encryption + JWT Authorization Implemented.

AI Code Wizard (12/2022 - 01/2023) ⬈
Built with Vite and JavaScript for the frontend, Express.js for the backend which is integrated with the Google Gemini API.

SKILLS

`JavaScript` `ReactJS` `Redux & Redux Toolkit` `Node.js` `Express.js` `NextJS` `MongoDB` `TypeScript` `BootStrap` `TailwindCSS` `Sonar` `PlayWright` `GIT` `HTML` `CSS` `SCSS` `Framer Motion` `Styled Components` `Web Performance Toolkit` `Jasmine` `Karma` `React Testing Library` `Google Analytics`

ENGINEERING EXCELLENCE

SONARQUBE INTEGRATION
- Integrated sonar quality checks with projects while working with DS. This improved the reliability of our FE systems, introduced best practices around unit testing and deployment in the team.

PLAYWRIGHT
- Automation is the need of the hour and especially with FE systems where it directly impacts our customer experience. Introduced playwright across projects at DS to write end-to-end tests for our FE flow in JS which would test the changes on the UI with user interaction

GOOGLE ANALYTICS
- Introduced Google Analytics in the application at DS to track user behavior of our customers for our product team to refine and improve the product based on the end user interaction with the website

EDUCATION

B.Tech (CSE) (05/2015 - 05/2019)
Institute of Engineering and Management (IEM) Kolkata, West Bengal

PERSONAL PURSUITS

+ Data Structures And Algorithms - GitHub ⬈

+ Chess - Elo Rating 2013 - Chess.com ⬈

+ Digital Art Paintings - DeviantArt ⬈

+ Travel Vlogger - Instagram ⬈