SUVARNA MONDAL

FRONTEND ENGINEER

CONTACT

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Bicester, UK

EDUCATION

Bachelor of Technology (ECE)
2007-2011
Calcuta Institute of Technology, West Bengal University of Technology

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SKILLS

- React.js, Redux, React Router, Next.js
- JavaScript (ES6+), HTML5, CSS3, NodeJs
- SQL, MongoDB
- RESTful APIs and GraphQL
- Storybook, UI/UX Design Principles
- Testing: RTL, Cypress, Jest, Puppeteer
- State Management: Redux, Context API
- Build Tools: Webpack, Babel
- Version Control: Git, Gitlab
- CI/CD - gitab, github, Jenkins, gocd
- Cross-browser Compatibility
- Responsive Web Design
- Performance Optimization
- Agile Development
- Mentoring
- Accessibility
- Problem-solving and Troubleshooting

PROFILE

A dedicated Frontend Developer with over 10 years of experience providing best practices in frontend design with a focus on **React**. Utilises intuitive user processes to optimise user interfaces and inform new feature development. Deconstruct user behaviours to model a visual design that evokes interest in cross-functional product development. Modernises web practices with detailed document management and practice management solutions to resolve critical issues. Eager to add value to operations through technical knowledge, providing insight to enrich collaboration team efforts.

WORK EXPERIENCE

Product Engineer

John Lewis Partnership, London   **Jan 2023 - Current**

- Subject matter expert in Next.js, React, Typescript, storybook, RTL, Cypress, Accessibility , performance, security and Micro Frontend architecture, adding value and enhancing cross-functional product development.
- Develops and maintains frontend components in an e-commerce platform, effectively leveraging Monetate to analyse metrics. Achieves remarkable results, including a significant 30% increase in user engagement and an impressive 20% improvement in conversion rates.
- Drives operational improvement through active participation in OKR planning sessions, collaborating with stakeholders to define measurable key results and project milestones.
- Maintains and enhances CI/CD processes, actively contributing to the gitlab.yml file and configuring build, test, and deployment processes.
- Simplifies complex systems to identify and resolve performance bottlenecks, leading to optimized page load times and enhanced overall application performance.
- Implements remote pair programming, conducts peer code reviews and documenting best practice, fostering a culture of continuous improvement aligned with Agile principles, Scrum practices, and Kanban systems.
- Mentors and guides junior developers, imparting coding standards, architectural patterns, and best practices to facilitate their professional growth.

Senior Web Developer

Whereby, Remote   **May 2021 - Dec 2022**

- Assessed user activities through Whereby to improve signup flow, dashboard, subscription management, payment flow, upgrade flow and promotional banners while learning new technologies by coordinating with experts
- Leads product feature from concept to implementation, delegating tasks through clear communication to ensure a collaborative work environment while mentoring colleagues and reviewing peer code
- Deconstructs user behaviour through behavioural personas and design principles, developing user stories into testable, accessible and scalable code with React, Redux, Typescript, storybooks, React testing library and puppeteer
- Performs user A/B testing on features while continuously monitoring and analysing user analytics data from Amplitude intercom and salesforce and Chargebee
- Conducts thorough testing and debugging to identify and resolve issues, ensuring a seamless user experience.
- Identifies and addresses technical debt in the codebase, conducting thorough code reviews and refactoring legacy components to improve code quality, readability, and maintainability.

W O R K   E X P E R I E N C E

Senior Frontend Engineer

Kalido, London   **May 2020 - May 2021**

- Led user profile and user connection through responsive screens that optimised Vue, VueX, RxJs and Vuetify while adapting to consuming gRPC API for elegant product interfaces that provide intuitive user experiences
- Coached junior developers on the team while supporting a collaborative environment for an international distributed agile team, coordinating between designers, backend and BFF developers with written and verbal communication
- Optimised Kalido Chat speed, identifying and resolving website performance flags through subject matter expertise and dynamic development that implemented practical and effective solutions
- Use of Jira to assign and manage tasks, defects and backlog

Senior Experience Technology (FE)

Publicis Sapient, Bangalore & London
                                                        Jun 2014 - May 2019

- Directed HEIIOS—NISSAN OPTIMIZATION's project development by managing a team from the entire project lifecycles, from performance code reviews to organising meetings for work process, always ensuring best practices
- Coordinated TJX, E-COMMERCE project development by fixing critical bugs through JIRA for defect tracking, testing cross browser functionality and revamping UI and app interface for intuitive user design
- Introduced a new architecture and delivery model, utilising DEXA for frontend decoupled architecture based on npm modules and React applications to enrich product development and workflow
- Built single-page applications with Backbone, React while structuring the core development of the digital architecture with package generation in webpack, Grunt and Yeoman generator

Associate Software Developer

Razorfish, Bangalore
                                                        May 2012 - May 2014

- Developed fully functional responsive prototypes based on Business Requirements and best practices, utilising skills and knowledge of HTML5, CSS3, JavaScript, jQuery and AngularJS to add value in a collaborative work environment
- Implemented dynamic user interfaces from UI designs (PSD) for ambitious cross-platform devices and projects, utilising page optimisation techniques to improve engagement and intuitive user experiences