Sudwipto Kumar Mondal

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Skills

Languages: JavaScript, TypeScript, SQL, Dart, Python

Technologies & Tools: ReactJS, NextJS, NodeJS, ExpressJS, MongoDB, Svelte, React Native, Tailwind CSS, Material UI, Cypress, Storybook, Firebase, Git, Docker, ElectronJS, Appwrite, Supabase, Flutter, Redux

Work Experience

Becho, Dhaka   Dec 2023 - Present

Mid-Level React Native Developer

- Spearheaded the design and structure of the mobile frontend project at Becho, implementing industry best practices to establish a robust foundation for development.
- Led the development of a feature-rich initial product, applying a test-driven development (TDD) approach to enhance code quality and reliability.
- Managed the mobile app frontend project, steering it to successful completion while maintaining strict adherence to project goals and timelines.
- React Native, Typescript, Tailwind CSS, Storybook, Docker, Jest, Redux

Felicity Digital, Dhaka   Feb 2022 - Nov 2023

Frontend Developer

- Led the frontend development of Valerian Funds at Felicity Digital, taking charge of project leadership and implementing a comprehensive component library using Test-Driven Development (TDD).
- Worked within a monorepository environment, effectively managing edge cases to ensure a robust and seamless user experience.
- Contributed to Range.gg by enhancing performance by approximately 30%, addressing and resolving bugs, and implementing a custom bracket generator to elevate the functionality of the platform.
- Headed the frontend development for Instapos, a startup by Felicity Digital, overseeing the design, structure, and development of the entire system.
- Established a component library following industry best practices, ensuring scalability and maintainability of the mobile app.
- ReactJS, Svelte, NextJS, Typescript, React Native, Cypress, Storybook, ElectronJS, Lerna, Tailwind CSS, Jest, Flutter, GraphQL, Redux

University of London   Oct 2020 - Sep 2023

B.Sc. in Computer Science   *First Class Honours*

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Digital Signal Processing, Advance Data Structures and Algorithms, Agile Software Development, Test Driven Development, Advance Web Development

Project Work

- **Ecommerce Website (2022):** Developed a fullstack application, building a clone software for Amazon. Utilized Next.js, Tailwind CSS, and implemented Redux for efficient state management. Integrated Stripe for seamless payment processes and employed Firebase for authentication and Firestore for database management.

- **Mobile Food Delivery Application (2023):** Constructed a frontend application replicating Foodpanda's functionality by building a clone software. Employed React Native, Tailwind CSS, and utilized Redux for effective state management. Implemented Firebase for authentication, integrated a map API for enhanced user experience, and leveraged Sanity.io for a robust Content Management System (CMS).
- **Rock, Paper and Scissor Game (2022):** Engineered a dynamic Rock, Paper, Scissors game utilizing Next.js, TypeScript, and Tailwind CSS as part of the Frontend Mentor challenge. Developed a modern and responsive user interface, showcasing proficiency in cutting-edge technologies. Implemented game logic and user interactions, emphasizing frontend best practices to deliver an engaging and visually appealing experience.

Awards and Certificates

- The Complete Web Developer in 2022: Zero to MasteryThe Complete Web Developer in 2022: Zero to Mastery on Udemy
- JavaScript Algorithms and Data Structures MasterclassJavaScript Algorithms and Data Structures Masterclass on Udemy
- Google IT Support Specialization on Coursera