Soubhik Ghosh

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Work Experience

INTUIT — May 2023 - Present
Software Engineer 2 — Bangalore, India

- **Quick Books Time**
  - Building QuickBooks Time to incorporate time-related features such as time-tracking, time scheduling etc. into the flagship product 'QuickBooks' that is used by over **10,000+** customers.

Nokia Solutions and Network — July 2021 – May 2023
Solution Engineer — Bangalore, India

- **GUI Development:**
  - Developed a comprehensive front-end GUI from scratch using **ReactJS, Redux** and Nokia Common Framework Libraries, by incorporating key features such as routing, dashboard, user management and authentication, WebSocket, download manager etc., which contributed to a revenue increase of **30%** in CNS Portfolio for a diverse clientele of telecom customers.
  - **The GUI is utilized by over 20 telecom customers for execution of different types of test-scenarios involving different telecommunication nodes.**
- **Internal Product Development**:
  - Developed the GUI of a web application using ReactJS, Redux, and Nokia Common Framework Libraries for all NOKIA employees, resolving internal technical queries and increasing internal efficiency by **40%.**
  - The product provided a platform for over 1000+ NOKIA CNS employees to ask questions and connect with people who can contribute unique insights and quality answers to the asked questions.
- **New Service creation and Integration with existing Framework**:
  - Took complete end-to-end ownership of architecture design and developed the codebase for a service, integrating a call scenario generator with our client-side automation framework that allows users to execute **80% basic call scenarios** using soft clients with more than 30 keywords in the server using **Python, MySQL, Linux, and Rest APIs**.

Education

National Institute of Technology Agartala, 2017- 2021

Bachelor of Technology, Electronics and Communication Engineering
CGPA: **9.61 (Institute Topper)**

Skills

- **Languages**: HTML, CSS, JavaScript, TypeScript, C++, C, Python, Java, Kotlin.
- **Libraries**, **Frameworks**: ReactJS, NextJS, Redux-Thunk, ExpressJS, NodeJS**,** GraphQL, Mongoose.
- **Tools and Software**: Docker, Jenkins, Kubernetes, Git, JIRA**,** Postman, Babel, Webpack.
- **Database:** MySQL, MariaDB, MongoDB.
- **Subjects**: Data Structures and Algorithms, Object-Oriented-Programming (OOPS), CI/CD, Software Development Life Cycle (SDLC), Agile Methodology, Operating System**,** Database Management System, System Design

Projects

- **Chit Chat – A Real time Messaging Application([Link](#))** :- *ReactJS, NodeJS, MongoDB, ExpressJS, Socket.IO*
  - Created a real time messaging application using MERN stack and Socket.IO that utilizes web sockets in the backend.
  - It supports both individual and group chat (add up to 100 users) functionalities with all admin functions functional (rename chat, add/remove participants), along with full user authentication and profile management.
  - It has real time typing indicators to show when a user is typing.
- **Shoppe – A Online ecommerce website([Link](#))** :- *ReactJS, Redux, JavaScript*
  - Created the user interface for an E-Commerce website of 20 dummy products, which allows users to add & remove items to/from cart & buy them. Redux state management library has been used to keep track of the cart items and also implemented Dark/light modes theme option.
- **Weather App ([Link](#))** :- *JavaScript, HTML, CSS*
  - Designed a Weather App, which fetches the user location and shows the weather results for that location with 85% accuracy.
  - Added an additional functionality to allow users to search for the weather conditions for over 200,000 cities in the world

Achievements

- **Gold Medalist (Institute Topper - BTech) of NIT- Agartala**.
- **Among the Top 50 meritorious students in India to be invited by the Ministry of Education, India** for the Republic Day Parade 2022 hosted in Delhi and felicitated with a certificate in a separate certification ceremony