

Bidisha Das

Motivated, resourceful frontend engineer with 3 years' experience, having deep interpersonal, analytical, and problem-solving skills.

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WORK EXPERIENCE

Software Engineer – II, Disney+Hotstar

Jan 2023 – Present

- Building and working on the leading OTT platform to make room for live matches, movies, bug fixes and enable smooth streaming using **Shaka-Player, Next.js and React.js, Vanilla JS** - serving over 42 countries.
- Ensuring seamless customer experience by providing **Adaptive Bit Rate** based variant streaming, using **DASH and HLS protocols**.
- Maintaining application health via Heartbeat events, SSAI Integration and Performance optimizations using profiling.

Senior Software Engineer – I, MakeMyTrip

June 2022 – Jan 2023

- Working on building a fintech solution in providing travel loan, personal loan, credit cards and covid insurance, Forex card to the customers in collaboration with Happay and BookMyForex.
- Optimized **performance** and reduced **LCP, FCP, Time To First Byte** for TripMoney by using **chunking, profiling** and above the fold optimization.
- Worked on bundle size reduction by **image compression, sprite splitting, code-splitting** and removing unused code.
- Revamped the desktop and mobile flow of Forex Card using **React, Redux, Saga, Loadable** for improved customer satisfaction to increase conversions and build loyalty.

Software Developer, AutoRABIT

Sept 2020 - June 2022

- Worked on building a micro-frontend-architecture-based Design System library comprising of reusable components using **Angular 13, PrimeNG 13, NgRx 13, RxJS V6** following **Agile methodology**, and **CI/CD pipeline**. Used for the organization level consumption and is the only source of truth for UI implementation.
- Worked on **PWA techniques, cache bursting and webpack, optimizing UI layer** implemented on **AWS**.
- Built a Configure Price Quote application that renders to CRM facilities - One-Click Deployments, Template Creation, Configurable DataSet using **React, Redux, Redux-Thunk**- bringing the company around **2 million dollar turnover**.
- Built Analytics Portal to visualize the analytical data of the company, code review, developer contribution and active user data metrics using **ApexCharts.js, React.js, Redux-Saga, and Docker**.
- Built a salesforce connector from external csv files using **Spring Boot, Java, Apache Olingo V4** - using **Open Data Protocol – hosted on EC2, S3 bucket**.

EDUCATION

Bachelor of Technology, Computer Science & Engineering, STCET

June 2016 - June 2020

- GPA 9.29

SKILLS

Programming Languages: JavaScript (Proficient), Java (Familiar).

Frameworks: React, Angular, Next.js, Node.js, Saga, Redux, NgRx, RxJs.

Technologies: Nginx, Webpack, Babel, Service Workers.

Databases: MySQL, MongoDB, DynamoDB.

PROJECTS

CodeChef Notifier – ([Source Code](#))

- A chrome extension that notifies the Codechef user about the status of his submission
- It also ensures when there is compilation error, or timeout, the user is notified, and there is an option to retry again
- Implemented using Service Workers, Background and Content Script, along with Chrome Extension API

Agile Tracker - ([Live Link](#) | [Source Code](#))

- Used to track project progress, sprint tracking, and manage project holistically.
- Built a butter smooth UI, drag and drop feature and scaled application by using design principles.
- Implemented backend with Node.js, MongoDB Atlas and UI with Angular, NgRx, RxJs.

FlyMe – ([Live Link](#) | [Source Code](#))

- Built a flight booking application using React.js, Redux, Thunk, Node.js, MongoDB, Express.js, Material UI, Axios.
- Flights can be filtered based on location, duration, price of flight, airline and stoppage.
- Customers can also book flight based on their current location since there is auto detection of location.
- Implemented throttling and debounced searches for city and flight duration.
- Followed design principles to architect backend apis, in order to handle scalability.

Slack Clone – ([Live Link](#) | [Source Code](#))

- Built a clone of Slack using React.js, Firebase, Firebase custom hooks, Material UI, and Redux-Thunk.
- Architected and designed messaging service, push notifications and PWA principles.