

Md.Mahbub Alam

Software Engineer

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OBJECTIVE

I'm a seasoned Frontend/Full-Stack Software Engineer with a strong track record in innovation and collaboration. I am skilled in frontend and backend technologies, including JavaScript, React, and Next.js. Experienced in diverse projects such as OTA, e-commerce, Common-Accounting, Chat-Boat AI, and education management web applications. As a software engineer, I aim to contribute to innovative technologies and tackle new challenges.

PROFESSIONAL EXPERIENCE

Software Engineer.

September 2022-Present

TechnoNext Ltd. (A concern of US Bangla Group)

- Developing and designing a web-based solution for an Online Travel Agency (B2B, B2C).
- Implement JSON Web Token (JWT) methodology for secure authentication and authorization, ensuring user data privacy and system integrity.
- Ensure the web solution is fully responsive, adapting seamlessly to various screen sizes and devices, including smartphones, tablets, and desktops.
- Implemented REST-API integration utilising modern tools.
- Gather requirements for both B2B and B2C segments, including features like flight, hotel, and car rental booking and payment processing.

Jr. Software Engineer.

August 2021-August 2022

Peart Technology Ltd, Dhaka

- Design and develop scalable backend solutions using modern frameworks like Python (Django/Flask).
- Design, develop, and maintain RESTful APIs ensuring proper data exchange and functionality.
- Implement robust authentication and authorization mechanisms, including JSON Web Tokens (JWT).
- Design and implement efficient database schemas, utilizing technologies like SQL (MySQL, PostgreSQL)

Web Development Intern.

Skill Jobs, Dhaka.

- Actively engage in learning opportunities to enhance technical skills and understand software development principles.
- Explore the company's tech stack, including technologies and tools like HTML, CSS, Bootstrap, and JavaScript.

SKILLS AND COMPETENCIES

Languages

- JavaScript, TypeScript, NodeJs, Python, Django, OOP etc.

Frontend Tools

- ReactJs, NextJs, React-Hooks, React-Hook-Form, React-Router, React-Query, NextAuthJs, Zustand, React-Redux etc.

UI Frameworks

- Ant Design, Chakra UI, Bootstrap, Tailwind CSS, HTML5, CSS, Material-UI.

Development Tools

- NPM, Yarn, Git, GitHub, Figma, Vercel, Netlify, Heroku etc.

PROJECTS

Online Travel Agency (B2B & B2C) [Livesite](#) || [Livesite](#)

- Spearheaded the development of **TripLover**, **FirsTrip**, and **TravelChamp**, revolutionizing the online travel agency industry by creating seamless booking platforms for hotels, flights, and other travel services.
- Technologies: NextJs, ReactJs, Chakra UI, Tailwind CSS, Zustand.

E-Commerce [Livesite](#)

- Implement a secure, user-friendly shopping cart system that supports adding/removing multiple products, viewing product details, and processing customer payments.

Common-Accounting

- This project aims to build an efficient system for tracking daily income, expenses, and profits, with special handling for weekends and fiscal year-end reporting.
- Technologies: ReactJs, React-Hook-Form, React-Query, BootsTrap.

Chat-Bot AI

- This project integrates AI-powered customer support with a flight search feature to enhance user experience, efficiency, and access to relevant information.

EDUCATION

Daffodil International University

January 2017-December 2020

Bachelor of Science, CSE Dhaka, Bangladesh CGPA: 3.70

Naogaon Govt. College

March 2015-August 2016

HSC, Science Naogaon, Bangladesh CGPA: 4.42

LANGUAGES

Bangla (Native), English (Intermediate)

REFERENCE

Md. Rasel Kobir, Software Engineer.

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