Hredoy Sen
Software Engineer

As a dedicated and passionate software engineer with professional experience, I've evolved from viewing the computer as a magical box into harnessing its power as a tool to craft innovative solutions. I specialize in front-end technologies, including React JS, Angular JS, and Angular, with a strong grasp of the Laravel framework in PHP. Throughout my career, I've effectively collaborated with clients, meticulously managing timelines and ensuring the quality of deliveries. On the back end, I've worked with PHP's MVC model and have a strong understanding of databases and relational database management systems (RDBMS). I'm proficient in database design and structure, which complements my front-end expertise.

My approach to development follows a structured and efficient path, always emphasizing code quality and adherence to industry best practices. I have a track record of working harmoniously within dynamic teams, placing teamwork and collective growth at the forefront. Although I possess leadership skills, my primary focus remains on the success of my team. My work ethic is one of enthusiasm and action. I'm more inclined to let my results speak for me rather than words. This approach has facilitated a rapid learning curve, allowing me to adapt quickly to new challenges.

I'm now seeking new challenges that will allow me to expand my knowledge and contribute to a dynamic team environment. I firmly believe that knowledge-sharing and collaborative problem-solving make for a more enjoyable and effective work experience.

Contact

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Education

Batch : 2018 - 2022
Adamas University, Kolkata, India
Bachelor of Technology, Computer Science
- CGPA: 7.32 (out of 10.00)

Batch : 2016 - 2017
Chittagong Cantonment Public College Chattagram ,Bangladesh
Higher Scenodary School Certificate
- CGPA: 4.00 (out of 5.00)

Batch : 2015
Kazem Ali High School Chattogram ,Bangladesh
Scenodary School Certificate
- CGPA: 5.00 (out of 5.00)

Experience

Dec 2022 - Currently Working Here
BRAC IT Services Ltd. l Niketon, Dhaka, Bangladesh
Software Engineeer

Loan DPS (LDP) Tool:
- Managed data migration and resolved minor UI issues, improving data management efficiency.
- Enhanced the user experience by making the tool more user-friendly.

BRAC Monitoring and Evaluation Learning Program:
- Revamped the web application's UI to be mobile-responsive using AngularJS
- Improved user engagement by 20% through better usability

myBrac HRIS:
- Developed the front-end of myBrac HR Information System using React and TypeScript.
- Designed a user-friendly and accessible UI for both mobile and PC platforms
- Developed a CMS for this application.
- Took leadership in project features, ensuring client requirements were met.

USIS (BRAC University Student Management System):
- Worked on the front-end using Angular 14 for application.
- Implemented configurable marking and student mark management in an interactive UI.
- Created reusable components for the team and implemented dynamic positioning control based on user input.
- Lead the team to have the best practice of using angular and made sure the best performance throughout the application
- Revamed the SSO and whole application UI.

In summary, my role at BRAC IT has allowed me to contribute to a variety of projects, focusing on improving user interfaces, enhancing accessibility, and ensuring client satisfaction. These efforts have led to tangible improvements in user engagement and overall project efficiency

Tech Expertise

- UI/UX
- Visual Design
- Angular
- Storybook
- React Native
- React Js
- Typescript
- Jest
- Jira, Trello
- Php
- Laravel
- MS Office 360
- Figma

Skills

- Adaptability
- Teamwork
- Continuous Learning
- Leadership
- Project Management
- Critical Thinking

Honors & Awards

- **Heckathon Winner**
  Apr 2019
  Smart India Hackathon
- **Techhunt 2nd Runners-up**
  Dec 2019
  IIT Hackathon , Kharagpur IIT ,Kolkata

Language

- **Bangla**
Native / Bilingual Proficiency

- **English**
Encompassing reading, writing, listening, and speaking skills.

- **Hindi**
Fluent in listening and speaking

Interships

Oct 2022 - Nov 2022
BRAC IT Services Ltd. I Niketon, Dhaka, Bangladesh

Oct 2021 - Feb 2022
Micropro Infotech l Park Street Kamdhenu Building, Kolkata, India

During my internship at Micropro Infotech, I had the opportunity to contribute significantly to various aspects of the company's HRMS (Human Resource Management System) project. My main responsibilities and the impact I made can be summarized as follows:

Responsibilities:

1. Developed and maintained the Attendance System module, ensuring accurate and efficient tracking of employee attendance. Utilized PHP and Laravel framework for this development.
2. Played a pivotal role in creating the Salary Calculation feature within the HRMS website, streamlining payroll processes and enhancing accuracy. Gained a complete understanding of front-end development, effectively implementing user-friendly interfaces and ensuring seamless user experiences.
3.Managed the back-end database using MySQL, including writing basic native queries for data retrieval and manipulation.

Impact:

1. The implementation of the Attendance System I worked on significantly improved the company's attendance tracking, reducing errors and streamlining the process. This resulted in a 15% increase in attendance data accuracy.
2. The Salary Calculation feature I contributed to saved valuable time and resources for the HR department, leading to a 20% reduction in payroll processing time and errors.
3.My front-end development skills greatly improved the user interface and overall user experience, resulting increase in user satisfaction.

Licenses & Certifications

SQL (Intermediate) Certificate
HackerRank
Issued Mar 2023 - Expires Mar 2033

Reference

Kollo Nag
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