

Imran Hossain

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Experience

Software Engineer, Strativ BD Limited – Dhaka, Bangladesh October 2021 – Present

- Architected and delivered a scalable, multi-tenant headless CMS solution using Payload CMS and Next.js, enabling the company to efficiently serve multiple clients and languages from a single, maintainable codebase.
- Developed high-performance websites for customers integrated with the Resemolnet SaaS booking system, improving user experience and system reliability.
- Enhanced client SEO performance by dynamically implementing structured SEO content and metadata management.
- Built and deployed cross-platform mobile applications using React Native, with Firebase integration for authentication and analytics.
- Increased developer productivity and reduced runtime errors by implementing a type-safe headless CMS architecture using TypeScript and GraphQL Codegen with Next.js and Strapi

Software Engineer, Durbin Labs Limited – Dhaka, Bangladesh June 2019 – September 2021

- Developed and launched a comprehensive telehealth solution, including a web portal (React) and a cross-platform mobile app (React Native), enabling real-time video consultations via WebRTC integration.
- Developed a online learning and exam webapp using React.js.
- Led the integration of responsive UI and modular component architecture, enhancing usability and maintainability.

Software Engineer Intern, Durbin Labs Limited – Dhaka, Bangladesh March 2019 – May 2019

- Contributed to building a health app using React Native, gaining foundational experience in cross-platform development.

Education

Khulna University, Bachelor of Science in Computer Science and Engineering 2018

- GPA: 3.34/4.0
- **Coursework:** Computer Architecture, Algorithms, Systems Programming, Operating Systems, Database Systems, Artificial Intelligence and Machine Learning, Software Security Analysis

Technologies

Technical Skills:

- **Languages:** Typescript, JavaScript, Python, C++ , Java, SQL, NoSQL
- **Frontend:** React, Next.js, React Native, Tailwind, Bootstrap
- **Backend:** Node.js, Express, FastAPI, Strapi, Payload CMS
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Tools:** Git, CI/CD, Docker, Firebase, REST APIs
- **Architectural & Methodologies:** System Design, Headless CMS Architecture, Multi-tenancy, SEO

Languages: Bengali (native), English (fluent)

Publications

Bengali vader: A sentiment analysis approach using modified vader July 2019

Al Amin, *Imran Hossain*, Kazi Masudul Alam

10.1109/ECACE.2019.8679144