Imran Hossen

Software Engineer

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Location: Dhaka, Bangladesh
Portfolio | **Github** | **Linkedin** | **Vjudge**
CSES | **Leetcode** | **Codeforces** | **LightOJ**

Career Objectives

A dedicated and efficient software engineer with 3+ years of experience in developing web and mobile applications. I am eager to further enhance my skills in Data Structures and Algorithms (DSA) and problem-solving to grow into a future senior software engineer. Committed to delivering high-quality, scalable applications and continuously improving my technical expertise.

Technical Skills

Expertise: React.js, Redux Toolkit, RTK Query, Zustand, GraphQL, Next.js, Express.js, MongoDB, React Native

Comfortable With: Data Structures & Algorithms (DSA), Django, Flex, Prisma, PostgreSQL, AWS

Basic Knowledge: WordPress, SEO, Marketing, Machine Learning (ML), Internet of Things (IoT), Software Development Life Cycle (SDLC)

Tools: Git, GitHub, Firebase, Heroku, Netlify, VS Code, Chrome Dev Tools, E-R Models

Software Development Paradigm: SDLC, Agile Model

Design Patterns: Singleton, Factory, Observer

Architecture Patterns: N-Tier, MVC, Microservices

Operating Systems: Windows (XP/7/8/10), Linux, Ubuntu

Work Experience

Web Developer (JavaScript)   **W3 Kernel,** *Feb 2023 – Present*

- **Web Frontend Development:** Built responsive, high-performance web applications using **Next.js** and **Apollo Client**.
  - Implemented server-side rendering, dynamic routing, and API integrations with Apollo Client, improving the web app's speed and scalability.
- **Mobile Frontend Development:** Developed cross-platform mobile apps using **React Native** and **Apollo Client**.
  - Collaborated with backend engineers to optimize data fetching and management, boosting user engagement and app responsiveness.

Software Engineer (MERN)   **City IT Park,** *Nov 2021 – Feb 2023*

- **Frontend Development:** Created and maintained web applications using **React.js** and **Redux**.
  - Developed reusable components and state management solutions, enhancing the app's performance and user experience.

- **Backend Development**: Developed RESTful APIs using **Express.js** and managed databases with **MongoDB**.
    - Designed and optimized backend services, ensuring smooth integration with frontend and external systems.
- **Deployment**: Deployed the frontend on **Vercel** and backend on **AWS**, ensuring robust and scalable application performance.

Web Instructor   **Mangrove** *May 2021 – Oct 2021*

- Taught fundamental web concepts, including **how the internet works** and **how websites function**.
- Trained students in core web development skills: **HTML**, **CSS**, **JavaScript**, and **React.js**.
    - Designed interactive lessons and projects, enabling students to build their own web applications.

Education
B.Sc. in Computer Science and Engineering   *2024 – Present*
Mangrove Institute of Science and Technology

Diploma in Computer Engineering   *2019 – 2023*
Mangrove Institute of Science and Technology

Professional Training
- English Spoken with Headman Academy - 2024
- CSE Fundamentals With Phitron - 2022
- Full-Stack React With Firebase With Web Developer BD - 2020
- Web Design and Development With IT-Bari - 2019
- English Spoken with Top Training Institute - 2020

Extra-Curricular Activities
- Leadership Activities -
    - Project Manager: Automatic Fan Light control with Motion Sensor
    - Leed Developer: Return Zero - Education Management System (MERN)
    - Organizer: CSE Fest (MIST)

- Member of Xettabytes problem-solving club (Phitron)
- Member of Hacked Club (MIST)
- Member of BUBT IT Club (BUBT)

Language
- Bangla (Native)
- English (Professional)