

MD RASEL ISLAM

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CAREER OBJECTIVE

I am a passionate Computer Science graduate with hands-on experience as a React Native Developer at SparkTech Agency (Betopia Group). I have strong expertise in data structures, algorithms, and competitive programming in C++, along with practical skills in mobile app development. I am familiar with both relational databases (MySQL, SQL Server, Oracle) and non-relational databases (MongoDB), and have a solid understanding of object-oriented programming concepts. With proven participation in the 2021 ICPC Asia Dhaka Regional Site Online Preliminary Contest, I bring strong problem-solving, analytical, and synthesis skills. I am eager to learn new technologies quickly, work in collaborative environments, and contribute effectively to innovative projects.

SKILLS

- Programming Languages: C, C++, PHP, Python, JavaScript
- Front-End: React Native, Expo, Next.js, React.js
- State Management: RTK Query
- Databases: MySQL, SQL Server, MongoDB
- Back-End: Node.js, Express.js, JWT (Basic)
- Core Knowledge: Object-Oriented Programming (OOP), Data Structures & Algorithms
- Other Skills: Competitive Programming, REST APIs, Git, Strong Communication, Quick Learning

EXPERIENCE

SparkTech Agency, Betopia Group

Jr. React Native Developer (21 July 2025 – Continue)

- Building and maintaining scalable mobile applications using React Native.
- Integrating APIs, optimizing performance, and ensuring smooth user experience.
- Collaborating with cross-functional teams to deliver high-quality features.

PROJECTS & THESIS

Bible – Audio Book App

- Built an interactive audiobook application with audio streaming and user-friendly navigation.
- Focused on performance optimization and seamless media playback.
- Built with **React Native, Expo, Tailwind CSS, RTK Query**

Real Estate App

- Developed a property listing and management platform with search, filter, and map integration.
- Implemented secure authentication and real-time database updates.
- Built with **React Native, Expo, Tailwind CSS, RTK Query**

Popbom – Social Media App (Instagram-like)

- Designed and developed a social media mobile app featuring posts, likes, follows, and comments.
- Integrated image/video uploads, real-time updates, and responsive UI.
- Built with **React Native, Expo, Tailwind CSS, RTK Query**

Bootble – Health & Workout App

- Mobile app for tracking **workouts, calories, and health stats**.
- Features include **routing selection for exercises, calorie counting, and ChatGPT-powered assistant** for guidance.
- Built with **React Native, Expo and Tailwind CSS, RTK Query**

Thesis Project: *Breast Cancer Detection Using MRI with Machine Learning Approaches*

Varendra University, 2024

- Developed a machine learning model to analyze MRI images for early detection of breast cancer, improving diagnostic accuracy.
- Utilized various algorithms (convolutional neural networks) to enhance image processing and classification.
- Collaborated with faculty and peers to present findings, demonstrating the potential of AI in medicalimaging.

EDUCATION

- B.Sc. in Computer Science and Engineering - Varendra University-CGPA-3.83 ,2024
- HSC – Shah Mukhdum College Rajshahi – GPA-4.25 , 2018
- SSC- Bargachi High School- GPA-5.00 , 2016

LANGUAGE

Bangla-Native proficiency, English: Professional working proficiency