Md Mahmudul Hasan

iOS Developer   https://www.mahmudulhasan.me/

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Work Experience

Insightful Inc. (Contract)   Jun'21-Present

Full Stack iOS Engineer (San Diego, CA.)   **Appstore**

Tangerine, a photo sharing and review social networking app in Swift.

- Significantly improved app performance by reducing 33% of unnecessary code from the original source.
- Achieved a 50% increase in performance by implementing memory management techniques using Instruments.
- Optimized Firestore read/write operations, resulting in reduced costs by implementing efficient query structures.
- Implemented Firebase Cloud Functions to automate filtering and administrative tasks, also enhanced app functionality and efficiency by using machine learning models.

Katex Entertainment Ltd. (Remote)   June'22-Dec'22

Lead iOS Developer (Bangladesh)   **Github**

Bazaarface, an e-commerce application with integrated social media features.

- Actively contributed to continuous improvement efforts by providing valuable suggestions and actively engaging in problem-solving activities to enhance teamwork.
- Demonstrated consistent dedication and hard work, resulting in improved operational efficiency and effectiveness.

Britannia Hotel (Remote)   Jun'20-May'21

iOS Developer (Trondheim, Norway)   **Github**

Jigger, an exclusive iPadOS app for Britannia Hotel's bar.

- Led the end-to-end development of the app, encompassing the creation of an intuitive admin panel and integration with the bar's product database. The app served as a sophisticated inventory management system, enhancing operational efficiency.
- Implemented essential functionalities such as advanced search capabilities, sorting options, seamless CRUD (Create, Read, Update, Delete) operations, and biometric authentication.

Trapspy (Remote)   Dec'17-Dec'19

Application Developer (Canada)   **Github**

Developed a cloud-sourced report sharing app that empowered users to create reports on hazards, obstacles, and cost-saving opportunities, resulting in increased safety and significant savings.

- Increased user engagement by 70% through the implementation of location-based photo push notifications.
- Featured in local news for its innovative approach and impact.
- Garnered over 100,000+ downloads from the pilot city, showcasing its popularity and widespread adoption.

EDUCATION

Begum Rokeya University, Rangpur- MSc & BSc in Disaster Management - 2016-2020

SKILLS

Swift, SwiftUI, Firebase, Realm, Git, GraphQL, Agile Development, CoreML, CI/CD

Time management, Teamwork, Problem-solving, Critical Thinking