

Md Mahmudul Hasan

Software Engineer

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Work Experience

DrOnCall Ltd (Remote)

Sep'24-Present

Software Engineer (UAE)

HouseCall, virtual at home doctor's consultations and comprehensive care

- Developing and maintaining the iOS app using SwiftUI, ensuring performance and adherence to Apple's design guidelines.
- Collaborating with team members to implement features, debug issues, and optimize app functionality.
- Creating reusable components and ensuring localization and accessibility compliance.
- Participating in code reviews, testing, and debugging to ensure high-quality deliverables

Insightful Inc. (Remote)

Jun'21-Aug'24

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 and implementing memory management techniques using Instruments, achieving a 50% performance increase.
- 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.

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, Instruments, LLDB

Time management, Teamwork, Problem-solving, Critical Thinking, Attention to detail