Contact

sajjadhossain.cse35@gmail.com

www.linkedin.com/in/sajjad-hossain-talukder (LinkedIn)

Top Skills

Model-view-viewmodel (MVVM)

MVC

Debugging

Certifications

Google Hash Code 2021

Intro to Machine Learning

CompTIA Network+ (N10-007) Cert Prep: 1 Understanding Networks

Facebook Hacker Cup - Qualification Round 2021

ICPC ID

Honors-Awards

918th | Facebook Hacker Cup - Qualification Round 2021

7535th | Google Hash Code 2021

52nd | ICPC Aisa Dhaka Regional 2022

57th | ICPC Asia West Continent Final 2022

78th | ICPC Asia Dhaka Regional Contest, 2023

Publications

Empowering Bengali Language in Drone Control with Artificial Neural Network

Sajjad Hossain Talukder

Software Engineer @Silicon Orchard | iOS | React Native | Competitive Programmer | CSE undergrad student
Dhaka, Bangladesh

Summary

A passionate Problem Solver.

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Experience

Silicon Orchard Ltd.
Software Engineer (iOS)
October 2024 - Present (1 year)
Dhaka, Bangladesh

Xotech
11 months

Software Engineer (iOS)
March 2024 - October 2024 (8 months)
Chattogram, Bangladesh

◦ Developed and deployed multiple iOS applications to the App Store using Swift and Xcode.

◦ Worked with UIKit and SwiftUI to build user interfaces, create layouts programmatically, and use Interface Builder.

◦ Implemented core iOS features such as view controllers, table views, collection views, and navigation controllers.

◦ Integrated third-party SDKs like Stripe, RevenuCat, and Square for payment processing, Google Maps, Facebook, Instagram, and YouTube SDKs for location services, and content sharing.

◦ Used CoreData and Realm for local storage and data persistence & UserDefaults for lightweight data storage.

◦ Integrated Firebase for real-time databases, authentication, and analytics.

◦ Used Alamofire and URLSession for networking, making REST API requests, and handling JSON data.

◦ Managed Git repositories and collaborated with teams using Agile methodologies (daily standups, sprints, code reviews).

◦ Improved app performance by optimizing memory usage and fixing memory leaks.

◦ Implemented push notifications using Firebase Cloud Messaging (FCM) and local notifications.
◦ Submitted apps to the App Store, handling app screenshots and metadata, and adhering to review guidelines.
◦ Managed beta testing and builds through TestFlight.
◦ Implemented gesture recognizers for tap, swipe, and pinch gestures.
◦ Developed APIs using PHP and Laravel, integrating them with iOS apps.
◦ Managed backend servers, ensuring smooth deployment, maintenance, and performance optimization.
◦ Designed and developed Web UI for backend management using Laravel Blade and HTML/CSS.
◦ Integrated RESTful APIs with the backend & MySQL for database management and optimization.
◦ Continuously improved skills through courses and certifications in iOS development and Swift

Discover the apps I've developed, available on the App Store:
◦ AIArt : Text to AI Image Maker : https://t.ly/9HBUO
◦ VIDU - AI Video Maker : https : //t.ly/hQ9Ep
◦ AI Video Translator - DUB it! : https://tinyurl.com/yc8f8sbw

Software Engineer (iOS)
December 2023 - March 2024 (4 months)
Chattogram, Bangladesh

◦ Contributed to the real project "LIVE RECORDS" by developing and enhancing the homepages.
◦ Took an active role in backend server development, creating APIs for banners within applications.
◦ Developed an AI-based app for stitching screenshots into a single image.
◦ Designed and implemented an image collage application with various shape options.
◦ Engaged in research and development for a video transcription generation app, adding subtitles in the desired language.
◦ Acquired in-depth knowledge of iOS development, implemented various development patterns, and gained valuable experience in the fast-paced and dynamic field of iOS development

IEEE
Member
January 2023 - March 2024 (1 year 3 months)

PUC Robotics Club
Program Secretary
January 2022 - December 2022 (1 year)

Education

Premier University Chittagong
Bachelor of Science - BSc, Computer Science & Engineering · (February 2019)

Patiya Govt. College, Chittagong
Higher Secondary Certificate - HSC · (2016)

Abdus Sobhan Rahat Ali High School
10th - Secondary School Certificate · (2009 - 2014)