

Jahid Hassan

Dhaka, Bangladesh

(880) 181-445-0361 | jahid.hassan.ce@gmail.com | [skype@ jahid.hassan52](https://www.skype.com/jahid.hassan52)
[github@ mjhassan](https://github.com/mjhassan) | [stackoverflow@ x4h1d](https://stackoverflow.com/x4h1d) | [linkedin@ mjhassan](https://www.linkedin.com/mjhassan)

Experience

Staff Software Engineer, Infolytx Inc., 2019 – Present

- Develop engineering system required documents along with design mobile software.
- Take part in the development process.
- Present consistently accurate as well as timely software.
- Report on entire project achievement and issues.
- Take ownership of the solution from end to end, and be responsible for translating functional requirements into a mobile solution

Technical Lead, Infolytx Inc., 2016 – 2019

- Lead and monitor the mobile team in an agile environment
- Take part in the development process
- Define the technical requirements for the implementation of the mobile solution.
- Take ownership of the solution from end to end, and be responsible for translating functional requirements into a mobile solution
- Research and development on cutting-edge technologies to extend scope. e.g. ARKit 2 users session shared feature

Senior Software Engineer, Brain Station-23, 2015 – 2016

- Design and build applications for the iOS platform
- Ensure the performance, quality, and responsiveness of applications
- Collaborate with a team to define, design, and ship new features
- Identify and correct bottlenecks and fix bugs
- Help maintain code quality, organization, and automatization.

Software Engineer, Brain Station-23, 2013 – 2015

- Design and build applications for the iOS platform.
- Implementation of new module as per client's requirements.
- Identify and fix bugs on existing projects.
- Refactor existing projects and improve app performance.
- Update UI and ensure code quality.

Software Engineer (Remote), Aareas Interactive Inc., 2013 – 2016

- Translating requirements and mock-ups into fully functioning features
- Developing new and existing iOS applications features
- Providing estimates on development cycles
- Maintaining and enhancing the iOS applications
- Working with team members on server-side integration

Experience

iOS Developer, Nydtech Solutions, 2012 – 2013

- Identify and fix bugs on existing projects.
- Refactor existing projects and improve app performance.
- Update UI and ensure code quality.
- Design and implementation of puzzle, trivia type games for the iOS platform.

Software Developer, Metafour, Mid 2011 – 2012

- Fix bugs and improve application performance.
- Monitor and maintain application for Tucan Travel on daily basis.

Skills

Expert in:

- iOS app development
- Swift, Objective-C
- UIKit, Cocoa, MapKit, AutoLayout, Quartz (Core Graphics), Core Animation
- App UI/UX and iOS performance tuning
- Team management and guiding

Proficient in:

- JavaScript (React Native), C#(Xamarin), Java (Android)
- Core Data, SQLite, Realm, Notifications, JSON, XML
- Grand Central Dispatch (GCD), Push Notification, Cocoapod
- Express.js, Node.js
- XCTest, Instruments, Quick and Nimble
- TDD, Scrum (Certified ScrumMaster)
- Façade, Singleton
- MVVM, MVC, MVP
- Git, SVN, github, gitlab, bitbucket
- AppStore management including Test Flight, Google Play, MS App Center (previously, HockeyApp)

Familiar with:

- HTML, CSS, Python, C, C++, Groovy, Shell
- Electron.js, Firebase
- MySQL, SQL , MongoDB, GraphQL
- Jenkins, fastlane, Carthage, Jira, Trello
- Sketch, Balsamiq, InVision,
- JUnit, NUnit, Mockito, Moq
- BDD, VIPAR, Vapor

Education

Shahjalal University of Science and Technology (SUST), Sylhet, Bangladesh
B.Sc. in Computer Science and Engineering (2005-2009)

Language

Business level English; native Bengali

Publications

- Generate a signed APK from React Native project (2018). Self published @ [medium.com](#)
- Vapor: Server Side Swift – Noob's Guide. [Infolytx blog](#).

Portfolio

Company: Infolytx, Inc

Project: <https://itunes.apple.com/us/app/fiteverywhere/id1196160234?mt=8>

Title: FitEverywhere

Description: The FitEverywhere® app was designed to be a versatile, and dynamic gym with or without equipment, anytime, anywhere. The fitness experts at XYSTUS® have carefully created a strong yet balanced approach to fitness that can be used alone, with a group of people.

Responsibilities:

- Took part on active development on both iOS and Android platform.
- Delegating tasks and set internal deadline.
- Discover training needed and provided coaching.
- Listened to team member's feedback and resolve any issues or conflicts.

Achievements:

- Delivered project on time.
- Learned new technologies, like C# and Xamarin.
- Got awarded with performance bonus for my contribution to the project.

Technologies: C#, .NET, Xamarin, AWS, Cognito, Lambda, DynamoDB, S3, OneSignal.

Project: <http://www.infolytx.com/our-insights/portfolio-items/ar-heart/?portfolioCats=55>

Title: AR Human - The Heart

Description: This prototype was engineered to showcase our ability to bring human anatomy to life. A life-like heart in full 3D pops up when a mobile phone's camera view hovers above a designated marker. Viewers are struck by the ability to rotate and go "inside the heart chambers" as they view the heart on their mobile screens.

Responsibilities:

- Designed and implemented the application.
- This was a pet project, so worked on this project from scratch to the end by myself.

Achievements:

- Learned about technologies, like Unity, Vuforia.
- Infolytx has some new connection with prospective clients after this demo.

Technologies: Swift, Vuforia, ARKit.

Company: Brain Station-23

Project: <https://itunes.apple.com/us/app/xchange-at-secaucus-junction/id559392801?mt=8>

Title: Xchange at Secaucus Junction

Description: Xchange is an iPad application for renting or selling rooms. Sales agents can even search for real-time availability and generate sales contract in real time.

Responsibilities:

- Fix bugs and improve application performance.
- Refactor and ensure code quality.
- UI transition from xib to UIStoryboard.

Achievements:

- Continued to add values to our clients.

Technologies: Objective C, Xcode, SOAP, XML, MapKit, CoreGraphics, Storyboard

Project: <https://itunes.apple.com/nz/app/averton-homes/id943556365?mt=8>
Title: Averton Homes
Description: The Averton Homes ipad application is designed for real-estate professionals. With this ipad application you can search and find your clients dream home in one of Averton Homes newest communities.
Responsibilities:

- Re-designed and implemented the application.
- Collaborated with offshore company to integrate backend.

Achievements:

- Continued to add values to our clients.

Technologies: Objective C, Xcode, SOAP, XML, MapKit, CoreGraphics

Project: <https://itunes.apple.com/us/app/gateway-in-the-greens/id960396562?mt=8>
<https://itunes.apple.com/us/app/in2ition-realty/id894148548?mt=8>
<https://itunes.apple.com/us/app/new-condos/id410966986?mt=8>
Title: Gateway In The Greens, in2ition and New Condos
Description: These apps are Aareas' Builder & Condo Developer iPad Sales Tools.
Responsibilities:

- Implementation of any new module.
- Fix bugs and improve application performance.
- Refactor existing projects and improve app performance.
- Update UI and ensure code quality.

Achievements:

- Learned about SOAP web service integration using XML.
- Company had several more agreements with Arreas Interactive.

Technologies: Objective C, Xcode, SOAP, XML, MapKit, CoreGraphics

Project: <https://itunes.apple.com/us/app/nvision-mobile/id465051611?mt=8>
Title: nVision Mobile
Description: nVision Mobile is a sales force solution where sales reps can easily create orders, look up customers, stock information and products.
nVision Mobile can be synchronized with all major ERP system using XML documents.
Responsibilities:

- Update and implement UI.
- Bug fix and implementation that had assigned.

Achievements:

- Continued to add values to our clients.

Technologies: Objective C, Xcode, SOAP, XML, MapKit, CoreGraphics

Other Projects

- <https://itunes.apple.com/us/app/christmas-ar/id1443510318?ls=1&mt=8>
- <https://itunes.apple.com/us/app/simplest-tabata/id1244521167?mt=8>
- <https://itunes.apple.com/us/app/cheap-ship/id1198506446?ls=1&mt=8>
- <https://itunes.apple.com/us/app/livefootball-copa-america/id1123424825?mt=8>
- <https://itunes.apple.com/us/app/ipcat/id995635050?mt=8>
- <https://itunes.apple.com/us/app/flick+calc/id797439316?mt=8>
- <https://play.google.com/store/apps/details?id=com.adbinsoft.bdpolice&hl=bn>