

# Farhana Mustafa

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## SUMMARY

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Software engineer, self-taught in Swift and iOS development, with 2+ years of professional experience. Can easily convert designs into working iOS code and able to translate business requirements into technical implementation.

## SKILLS

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Swift, Xcode, JavaScript, Firebase Hosting, Crashlytics, App Distribution, Adobe Photoshop

## EXPERIENCE

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### Software Developer - Kaiser Permanente

July 2018 - Nov 2020

Participated in a 2-year rotational program, rotating to a different team every 6 months.

#### Mobile Virtual Care Team

- Developed an internal telehealth iOS app in Swift with Realm as the database.
- Delivered new features such as picker views that allow the user to select query parameters to narrow down their search by 75% and the ability to launch an external application to send a private message.
- Managed distribution of the application's releases with Firebase's App Distribution.
- Independently integrated Firebase's Crashlytics into the application.

#### Medical Imaging - Virtual Reality Lab Team

- Developed virtual reality programs with Unity and Oculus API for physicians and patients.
- Researched and developed different use cases for VR in healthcare and conducted demos to stakeholders.
- Improved C# code by refactoring the functionality to be compatible with newer Oculus devices.

#### Emerging Technology and Architecture - Innovation Lab Team

- Programmed chatbots containing medical information for Google Assistant and Amazon Alexa using DialogFlow, Firebase Functions, and Amazon Web Services Lambda functions.
- Collaborated with medical staff and improved the user interface by adding an interactive canvas.

#### Cloud Services Engineering Team

- Independently developed and designed the team's first user interface with Angular & Node.js.
- Deployed web application with Cloud Foundry on IBM Cloud.
- Developed and wrote unit tests with Jasmine and Karma.

## PROJECTS

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### [Studio Ghibli Movies](#)

- Developed an iOS application with Swift to display data fetched from an open-source API.

### [Book Recommender](#)

- Developed a web application with React.js and Books API by NYTimes to showcase information on the latest best-seller books. Deployed web app with Firebase Hosting. Wrote and published a [tutorial](#) with steps to develop this web application.

## EDUCATION

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### Syracuse University

Aug 2014 - May 2018

- Bachelor's in Computer Science

### Certificates

- Udacity's Front End Dev Nanodegree May 2018
- Udacity's Objective C for Swift Developers Course In Progress