

CHARLES, MUSSA MAYUNGA

Software Development Engineer (iOS, FullStack web developer)

Email: mussacharles50@gmail.com
website: <https://www.mussacharles.com>
LinkedIn: www.linkedin.com/in/mussacharles
Github: <https://github.com/MussaCharles>

Technical Skills

Languages

- Swift
- Javascript
- Node.Js
- HTML & CSS
- Python
- Objective C
- Familiarity with C, Matlab and VHDL

Tools/Technologies

- Xcode,Alamofire, RxSwift,Kingfisher,Eureka,DKPickerController
- React, Redux,react-router
- Express.js,axios,moment,passport,node-jsonwebtoken
- Bootsrap,antd,material-UI
- IGListKit, Texture
- MongoDB,mongoose,Realm

Software Development Experience



Repricee

Dec 2016 - Present

- Created Reprice iOS app using Swift,Objective C frameworks/Libraries
- High Performance & Complex social media app for buying and selling products.
- Implemented Location tracking capability based on user permissions.
- Monetized by Google Ads.
- Automated push notifications from server using node.js.
- Published on AppStore, 7000+ impressions, 200+ downloads.



WithSee

Feb 2018 - Present

- Built WithSee iOS app in Swift with portions of Objective C code on third part software.
- Real time messaging app.
- Used node.js to write cloud functions to link with Google hosted server for cron-jobs and push notifications.
- Available for download on the AppStore, 5000+ impressions.



Weegle

Oct 2018 - Present

- Inherited legacy code of Weegle iOS App for live streaming,messaging and e-commerce at my current Company.
- Wrote code for saving and retrieving files from Amazon S3 buckets.
- Optimized performance of Live feed by handling complex tasks on the background threads and remove strong reference cycles.
- Linked YouTube list and search API and wrote high performance UI using Texture and IGListKit.
- Responsible for AppStore releases, beta test versions and handling issues related to AppStore review process.



Poreal

Aug 2019 - Present

- Built Poreal IOT iOS app at my current working place.
- Implemented TCP socket connection between app and water purifier device using SwiftSocket Library.
- Helped backend team to fix bugs and implement some of the authentication API and queries from MongoDB using node.js and mongoose library.
- Published Beta version of the App via TestFlight.

Work Experience

OJWorld Co.,Ltd

iOS Engineer

- Maintaining and optimizing code for existing native iOS apps.
- Adding new features to existing apps.
- Writing and shipping new versions and new apps to the AppStore.
- Approving and merging changes from other developers to the main codebase.

Oct 2018 - Present

(Oct 2018 ~ March 2019 - Intern ->
March 2019 ~ Aug 2019 - Part-time
-> Aug 2019 ~ Present - FullTime)

Education

Yonsei University (South Korea)

- B.SC in Electrical & Electronics Engineering

March 2015 - Aug 2019

KyungHee University(South Korea)

- Korean Language and Culture Studies

Feb 2014 - Feb 2015

Spoken Languages

English (Fluent) , Swahili (Native) , Korean (Intermediate)