Ryan Manalo

Lancaster, CA
818-642-2073
ryanmmanalo@gmail.com

EXPERIENCE

Senior Software Engineer, Gatekeeper Systems; Pasadena, CA   April 2019   Present
- Develop proof of concept app features for potential client up-sells.
- Lead mobile initiative of desktop app as supplemental iOS app.
- Design back-end data models for proper mobile app architecture.

Projects and Technologies
- POC for Client as iOS App: Xcode, Swift, CoreData, MapKit with Annotations, CoreLocation, Camera, Photos, Keychain, VS Code, Gatekeeper API, JavaScript, JSON, Remote Desktop
- POC for Client as React Native App: VS Code, JavaScript, Expo, AsyncStorage, SecureStorage, Maps with Markers, Super Cluster, Navigation, React Native Elements, Gatekeeper API, JavaScript, JSON, Remote Desktop

Founder/ Principal Software Engineer, Manalo Dev; Lancaster, CA   January 2018 Present
- Lead the designing, developing, testing, and deploying of apps.

Projects and Technologies
- CryptSim: Xcode, Swift, Back4App API, Sketch, CoinMarketCap
- POC for Client: Xcode, Swift, Firebase, Sketch, Zeplin
- Hooke: Xcode, Swift, Objective-C, Cloudinary API, Sketch

SeniorSoftware Engineer, BarWave; New York, NY   September 2019   February 2020
- Work closely with cofounders in designing new look and feel of app.
- Implement redesign of all views in the app including developing custom UI.
- Develop all UI programmatically without use of Storyboards or Xibs.

Projects and Technologies
- BarWave: Xcode, Swift, MapKit, CoreLocation, Firebase

iOS Software Engineer, mobileforming; Glendale, CA   September 2016   March 2019
- Participate in domain analysis and design, application development and testing, code and design reviews.
- Analyze and troubleshoot issues and defects in environments; analyze performance and design inefficiencies.
- Follow best practices for development such as continuous integration, unit and integration testing and code coverage analysis.
- Participate in SCRUM team activities and follow agile patterns and methodology.
- Stay abreast of the latest technologies and tools being used to improve software development and delivery.

Projects and Technologies
- Hilton Honors: Xcode, Swift, Objective-C, Push Notifications, Local Notifications, CoreBluetooth, CoreData, Authentication, Hilton APIs, Jenkins, Cocoapods, Zeplin
- Internal Dashboard: Sublime Text, JavaScript, MongoDB, Express, React, Node, Gitlab, Jenkins
- Experian IdentityWorks: Xcode, Swift, Objective-C, Git Submodules, Experian API, Jenkins, Zeplin
- Vidanta Resorts: Xcode, Swift, CoreData, MapKit, TE2 API, Zeplin
- Arby's: Xcode, Swift, CoreData, TE2 API, Zeplin

iOS / Full Stack Developer, WET Design; Sun Valley, CA   August 2013   September 2016
- Learn technology stack of current website to update information as needed.
- Work with design team to create new company website using HTML5 and CSS3.
- Create web applications using PHP for use in the field.
- Update Node.JS server and JavaScript client for current and upcoming projects.
- Design automatic logging to MySQL to help with the debugging of server code.
- Researching Objective-C and Xcode to head the conversion of client code into a native iOS application.
- Developing a native iOS iPad application to provide better user experience and faster performance.
- Develop Node server to communicate to and from iOS app.
- Test, deploy, and maintain iOS applications and Node server for all client features.

Projects and Technologies
- WET Controls System: Xcode, Objective-C, Sublime Text, JavaScript, Node, Modbus TCP/IP, PHP
- Keycard Loaner Web App: Ruby on Rails, JavaScript, HTML, CSS
- Photo Capturing Mobile Web App: PHP, JavaScript, HTML, CSS

Freelance Developer, Self-Employed; Arleta, CA   August 2013   January 2014
- Recode the front end of a client's web service using Bootstrap, jQuery, custom JavaScript, and custom CSS.
- Redesign the client's current graphing tool into Flot Charts to complement new front end.
- Reimplement business webpage using JavaScript and CSS to achieve a responsive design.
- Act as a consultant for a client who wanted to embed features into business website.
- Create business website with social media integration.

Projects and Technologies
- InstaBrand: Sublime Text, PHP, CakePHP, JavaScript, HTML, CSS
- Website for Client: Wordpress, JavaScript, HTML, CSS

EDUCATION
- General Assembly; San Francisco, CA — Web Development Immersive, June 2013
- UC Berkley; Berkeley, CA — B.A. Cognitive Science, May 2011