**Jayakrishnan Unnikrishnan**

Senior Software Engineer

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**SUMMARY**

* Results-focused software developer and research professional with strength in iOS Mobile Application development. Strong experience in analysis, design, development, unit testing, implementation, and maintenance of applications on Mobile platforms.
* Software engineer with 15 years of experience in the IT industry with a focus on product design and development.
* 8 years of iOS development experience using XCode IDE, SwiftUI, Swift, and Objective C.
* Good experience in scrum, agile development, and waterfall methodology.
* I strive to create with the user in mind, creating applications with a usable and intuitive user interface experience.
* I am constantly striving to learn new technologies and look forward to finding ways to better myself in this rapidly changing industry.

**SKILLS**

**Languages**: Swift, Objective-C, Kotlin, JavaScript, SQL, PHP.

**Web Technologie**s: AngularJS, Cordova, jQuery, HTML5, CSS3, Bootstrap.

**Databases**: CoreData, MySQL, SQLite.

**Development Software**: XCode, Git, IntelliJ.

**Technologies**: AWS, Amazon S3, RESTful web services; SOAP web services.

**Application / Web Server**s: Apache, LAMP, Amazon web services.

**Platforms**: iOS, Mac OS X, Android, UNIX/Ubuntu.

**EDUCATION**

Bachelor’s degree of Technology in Electronics and Communication, 2007 University of Calicut - Kerala, India

Post-Graduation Diploma in Information Technology, 2016, Symbiosis University- Pune, India

**WORK EXPERIENCE:**

**Intuit INC**- Mountain View, California *Nov 2019 – Till date*  *Application Developer*

* Optimized TurboTax app for binary size reduction, resulting in a 40% decrease in the download size.
* Design and develop 24 adaptable systems of SwiftUI and UIKit components with human interface guidelines and tools that support the best practices of the user interface.
* Worked with managing user experiences using design tokens. A style dictionary uses a design token to define styles for multiple Intuit product themes.
* Led the library development for the generic data layer for REST and GraphQL network services with analytics.
* Worked with the dev platform team for the ABTesting, Analytics, WEB, remote config, observability, App update, and Logging capabilities supporting Intuit products and AI-driven expert platform strategy.
* Overhauled an existing Continuous Integration/Continuous Deployment (CI/CD) pipeline using Jenkins and Fastlane, which cut down release cycles by 50% and reduced bugs at launch by 30%.
* Followed the patterns of Test-Driven Development (TDD) to develop the application with XCTest to test the function's return values and get the code coverage of all the frameworks above 85%.
* Knowledge of dependency management tools such as Swift package manager, Cocoapods, and publishing libraries using them.
* Technology: XCode, Swift, Objective-C, SwiftUI, UIKit, XCTest, Cocoapods, JSON.

**Savor Brands**- Honolulu, Hawaii *Feb 2019 – Oct 2019*  *Mobile Application Developer*

**Pono Mobile**  -  <https://ponomobile.com/>

* PONO is a custom-branded app that’s easy to use, built specifically for specialty coffee, and exceptional user experience by building a custom-branded app for mobile ordering and payments.
* Used Core Location and MapKit API’s for mapping the stores and services.
* Designed and developed a shopping cart data model using Core Data for storing cart data offline.
* Implemented the payment gateway using ProPay API.
* Worked with scalable cloud service including Amazon S3 and Cognito authentication.
* Technology: XCode, Swift, JSON, AWS Cognito, Amazon S3, Core Data, MapKit.

**Loment Inc**- San Jose, California *March 2018 – Jan 2019  
Lead Mobile Application Developer*

* Lead Developer and Technical lead for multiple areas of the applications.
* Cashew is a messaging app designed with an emphasis on privacy and security. Cashew user enjoys one-on-one or group messaging, end-to-end protection of text messages, pictures, voice notes, audio, and video messages, or other attachments.
* Supervised and provided direction for Junior Developers on the team and offshore.
* Identified issues in software process and implemented optimization techniques resulting in a 15% productivity increase.
* Interact and interface with RabbitMQ message broker to integrate multiple messaging protocols, multiple queuing, and delivery acknowledgment.
* Integrated local authentication and share extension for sharing media files from other applications into the cashew app.
* Technology: XCode, Objective-C, Swift, PHP, Core Data, JSON, CSS, SQLite.

**Ernst and Young** - Cochin, Kerala, India *April 2011 to August 2017*

*Mobile Application Developer*

* Developed application to help EY partners and business development teams closely monitor the changes happening in the business environment to identify new opportunities and gain a competitive edge in the market.
* Developed image processing application capturing data from images to add mobile data capture capability.
* Created cross-platform hybrid apps using Cordova, AngularJS, and Bootstrap.
* Technology: XCode IDE, Objective-C, Swift, COCOA, JSON, RESTful, SOAP, HTML5, CSS3, Angular JS, Couchbase, iPhone SDK, CoreMotion, UIKit.

**SOD Technology**- Cochin, Kerala, India *April 2010 to March 2011*

*Web Application developer*

* SOD Technology Inc. is a service-oriented software company with a focus on the development of custom software products and the delivery of IT services that incorporate existing and emerging technologies within a large organization.
* Created web applications in logistics, real estate, and trading domains.
* Performing the responsibilities of implementing and hosting systems on a web server.
* Technology: PHP, HTML5, XML, CSS3, jQuery, SQL.

**Ace Intellect**- Cochin, Kerala, India *November 2008 to March 2010*

*Web Application Developer*

* Identified, explored, and demonstrated new technologies related to web development
* Technology: PHP, Linux, MySQL, Java, HTML, CSS, XML.