

Christian Valera

Software Engineer · iOS Developer

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SKILLS

Swift
Swift, ObjectiveC, Ruby, Python, PHP, ObjectiveC, TypeScript, Javascript, Java

Frameworks and Libraries
Ruby on Rails, RxSwift, SwiftUI, CoreBluetooth, Laravel, React

Technologies and Tools
AWS (Lambda, S3, DynamoDB), Postgres, GraphQL, Git, Datadog, Sentry

Deployments
Jamf, Fastlane, TestFlight

Testing
RSpec, XCTest, Selenium, Appium, PHPUnit

PROJECTS

- MiniMed Mobile US**
iOS Application
- Receives data from insulin pump and connected GST device using CoreBluetooth.
 - Implemented secure communication with a cloud service to retrieve cryptographic keys

- Queen Mary**
Custom CSM
- Redesign The Queen Mary's website with a responsive and modern look. Built the CMS using,
 - ProcessWire, an open source CMS framework.

- E-Tuner 4**
Android Application
- Receive and sent data to a proprietary ECU via Bluetooth.
 - Migrated UI components from QT to native Android in Java.
 - Hands on experience with Android Data Binding and RxJava

WORK EXPERIENCE

- Glossier** (Aug 2021 - Present)
Senior Software Engineer
- Designed and implemented features for Glossier POS such as cash scaling support for Retail stores, localization to support London store, and timebound catalog, contributing to successful product launches and marketing campaigns.
 - Utilized PHP and Laravel to successfully implement Fulfillment API Deprecation and seamlessly migrate to Fulfillment orders for POS.
 - Successfully upgraded the Stripe Terminal SDK from v1.4 to v2.0, enhancing security and compatibility with the latest technologies, ensuring a seamless and secure payment process for customers during transactions.
 - Played a key role in configuring and setting up POS sets across multiple international stores, utilizing custom scripts and manual adjustments, resulting in a consistent and enhanced shopping experience for customers
- Medtronic** (Dec 2020 - Jul 2021)
Senior Software Engineer
- Lead iOS development for adding support to new Continuous Glucose Monitor device to existing insulin pumps
 - Assume full ownership of features in all phases of design, implementation, unit and integration testing, documentation, deployment, and production troubleshooting.
 - Contributed to system requirement software, user interface design document and software configuration management plans for Class II mobile apps.
- iOS Software Engineer (Oct 2018 - Dec 2020)
- Developed iOS applications to support BLE insulin pump and cloud services.
 - Designed and implemented secure transfer of secured keys from server.
 - Developed help guide functionality which features offline capability, multiple language support and autoupdates.
 - Defined and performed feature design documentation and requirement definitions in compliance with FDA for Class II and Class III mobile apps.
 - Implemented business requirements, working with crossfunctional stakeholders to define use case and feature scope for mobile app
- ISBX** (May 2017 - Oct 2018)
Full Stack Developer / Mobile Developer
- Technical lead of 4 offshore mobile engineers for iOS projects.
 - Designed mobile architecture and developed features for native Android and iOS applications.
 - Worked with clients in a tight feedback loop to validate product requirements.
 - Collaborated closely UI/UX designers and project managers to deliver projects on time and with the highest standard.
- Software Developer Intern (Feb 2017 - May 2017)
- Developed in Angular a document and file storage management web application.
 - Use of third party integration Stripe's payment APIs to process payment transactions.
 - Responsible for increasing code coverage for existing web applications.
 - Collaboratively work with offshore teams to maintain project timelines and expectations.
- EDUCATION**
- California State Polytechnic University, Pomona** (Sep 2012 - Dec 2016)
Computer Science