

Oscar Villavicencio

Objective

Collaborative multi-faceted software engineer with 6+ years experience seeks a Go or Full-stack software development role citing strong expertise in leading the technical direction of a company in all aspects- including but not limited to: deployment of applications as well as management of running organizational tools (DevOps), management software (Version Control Systems, project/task management solutions), backend, frontend web applications, and development/deployment of mobile applications.

Skills + Strengths

1. Backend Development (**Go/PHP/Ruby on Rails/NodeJS/Django**)
2. Frontend Development (**HTML, CSS, JS frameworks- React, prefer typed transpiled code, ie Typescript**)
3. Linux/Unix Platform System Administration (**Ubuntu**)
4. Application Deployment/Orchestration with Docker/Docker Compose/Kubernetes and Cluster Deployment on Google Cloud Engine/**k3s** on edge
5. Knowledge of the major GCS and AWS services - managed database instances, Kubernetes, VM, Identity, IAM, etc
6. Graph-based Databases and GraphQL (**DGraph**)
7. SQL Databases (**Postgres, MySQL, SQLite, Core Data**)
8. Document Based Databases (MongoDB)
9. Message and job queuing/Caching (**NSQ, redis, celery**)
10. Testing Frameworks (iOS testing suite (XCTest), Android testing suite (JUnit), Jest, **Golang test suite**)
11. Native Mobile Applications (**iOS development in Objective-C and Swift, Android Development in Java and Kotlin**)
12. Cross Platform Development in JavaScript (Appcelerator, React Native)
13. **Apple App Store deployment, Google Play Store deployment**

Experience

March 2014 - Present

Unicorn, Remote - *Software Developer*

- Deploy a range of software services to support the internal processes of the team (docker image repositories, CD tools, git repositories, cron job scripts)
- Write code for greenfield and legacy Go backend REST API projects, greenfield and legacy Typescript with react client/server frontend projects
- Use k3s to deploy single node production ready kubernetes clusters, use Helm to configure the cluster as well as create namespaces to separate staging/production environments,

continuously deployed using Helm charts defined in the source code repo and Drone (a CI/CD tool)

- Serve as a Solutions Architect consultant to speak on technological domain expertise and assist in the product ideation process
- Serve as an Engineering Manager, supporting and delegating to developers at varying experience ranges

September 2019 - December 2019

Peak Activity, Boynton Beach, FL - *Full Stack Developer*

- Assist in the development/deployment of applications for clients of Peak Activity, using primarily Golang and TypeScript (within the Next.js and React frameworks)
- Transitioned the microservice boilerplate from a framework (Go-kit) to a custom solution with the intention of making the services easier to understand and more performant
- Assisted with the replatforming of an international client off of Wordpress to Peak Activity's proprietary ecommerce CMS, Merce.

March 2019 - December 2019

Spend App, Remote - *Backend Developer/Android Developer*

- Assist the backend technical directives for a cryptocurrency wallet app using PHP in the Laravel framework to expand the robustness of the API services, including bug-fixes, feature additions, and 3rd Party Vendor integrations.
- Assist the mobile development directives in Android using Java supporting \geq API 19 (KitKat) to refactor code, build features from wireframes, designs, and collaboration with project managers/product owners, implement bug fixes and releases to the Google Play Store for regular feature updates as well as emergency app-breaking bug-fixes
- Be a strong remote collaborator and work within a distributed team spanning several time zones

August 2018 - March 2019

mph club, Opa-Locka, FL - *Director of Technology*

- Directed the deployment and development of all technical services for a luxury car rental service app on a small team of 5 engineers, myself included.
- Created the backend services to support the iOS and web clients (including an administrative tool to monitor database activity) in Golang, including integration with KYC-compliant identity confirmation software (Jumio) as well as payment processing
- Deployed the backend services/database/front-end web applications to google cloud engine using kubernetes and docker
- Assist in the iOS deployment into the Apple App store, including certification and provisioning for development/deployment.
- Assisted with iOS (swift) and web client (React) development
- Educate shareholders on service costs and technical information crucial to completing the mission statement mph club, including high level discussions on databases, software

engineering management best practices, and deployment, as well as advising on costs for services.

April 2018 - August 2018

Hilton Software, Coral Springs, FL - iOS Developer

- Assist in the development of 2 aeronautical flight assistant applications meant to interface with GPS instrumentation and provide comprehensive flight charting and flight pathing functionality on iPad and iPhone in objective-C including but not limited to: bug-fixes, feature implementations, performance optimizations, editing 3rd party library code to suit our technical requirements, ensuring parity across all iOS versions, Android, and Microsoft applications, and storage/manipulation of 3D map data on iOS devices.

January 2017 - September 2017

Ford Motor Company, Dearborn, MI - iOS Developer

- Assist in the iOS development of Ford's vehicle app interface, which communicated via a low-level framework that utilizes RPC to provide heartbeat and operational information about a user's vehicle as well as provide convenience features such as: remote audio system controls, remote key functionality, and remote A/C functionality

Education

August 2007 - May 2012

University of Florida, Gainesville, FL - Plant Pathology

Worked in a bacteriology lab where I was exposed to bioinformatics and the intersection of tech and science.