



# FRANCISCO GONZALEZ

## SOFTWARE ENGINEER

### ABOUT

I am a self-taught programmer and have constantly pushed myself to learn new technologies while sharing my ideas in a cross-functional development environment. Experienced with Front-End, Back-End development and database maintenance while building reusable components and libraries for future use with best-in-class patterns. I am looking for a challenging environment that will enhance my problem-solving skills around cloud infrastructure and microservices.

### WORK EXPERIENCE

#### Gemmacon, North America Inc.

Long Beach, CA

Software Consulting Company  
February 2020 – May 2021

#### Fullstack Engineer

Successfully relaunched the Mercedes Me Connect iOS application into the Apple App Store while achieving a 4.8-star rating with 68k reviews from users. Collaborated with scrum team of developers, DevOps, and shareholders to translate client requirements into implementable user experiences. Improved product quality through code reviews, writing unit tests and collaborating with QA team. Enhanced multiple features such as ADA compliance for visually impaired users, vehicle pairing, collision detection, user registrations (Face & Fingerprint ID), remote unlocking vehicle and remote engine start/stop. Used Swift client for frontend development and GoLang for backend microservices. Gained experience with containerizing, automating and scaling applications using Docker, Kubernetes Terraform, AWS and Jenkins for CICD pipeline. Began to familiarize myself with Istio concepts such as Envoy, Telemetry (Kiali to monitor traffic flow, Jaeger for single request tracking and Grafana for monitoring infrastructure and log analytics to improve efficiency), Canary and Dark Releases, Fault Injections to observe fault tolerances and Circuit Breaking for limiting the impact of failure, latency spikes and other undesired network effects.

#### Highlights

Enhanced my frontend skills set using a Swift client and GoLang for backend microservices

Introduced to backend team which began my interest with cloud infrastructure

Gained high-overview knowledge of Istio concepts for improving microservice-based architectures

Learning these concepts changed my thought process while developing and allowed me to understand not only to how things work, but WHY.

## Microvention

Aliso Viejo, CA

Neuroendovascular Medical Device Company

August 2019 – February 2020

### JDE Coordinator

Support and assist medical device company with the ERP IT team with ongoing technical tasks (analysis, configuration, testing etc.). Setup and remove user profiles in JDE as well as 3rd party integrated applications: RFSMART and SOXLock. Run and analyze World Writer reports to check for potential issues. Maintain ERP system integrity by updating data using SQL or DFU. Check for out of balance Inventory transactions, create a ticket for those ones and assign to the team or consultant for resolution. Assist with update of shelf-life commitment and order lot allocations. Reprocess FedEx returns and receipts confirmations. Correct daily item lot issues. Provide user training on JDE system. Resolve issues with output queues and clearing data on a weekly basis. Assist with Machine Shop project by adding/updating Bill of Materials. Assign or direct to correct group tickets in HelpDesk ticket system. Document new processes or issue resolution. Assist with any other tasks assigned by the ERP Systems Manager.

#### Highlights

Gained a better understanding of logistical services

Improved my SQL knowledge

Sharpened my analytical skills

## Solar City

Hawthorne, CA

Solar Panel Manufacturing & Installation

September 2015 – December 2015

### Field Energy Consultant

#### Highlights

Enhanced my networking skills

Customer service

Improved my time management prioritization

## Boyd West Inc.

Orange, CA

Direct Sales and Marketing

July 2014 – May 2015

### Junior iOS Developer

Used Swift client, Unit/UI testing, Swift Data Structures, Protocol orientated programming, Face ID and Fingerprint ID recognition, Cocoapods, Core Data, GPS, RESTful APIs, JSON, FireBase, Alamofire and other various third-party frameworks to connect app to back-end services.

#### Highlights

Gained experience submitting apps to the App Store

Familiarized myself with cloud-based message APIs and push notifications

Gathered a better understanding of iOS design patterns

## Mercy Ambulance

Downey, CA

Emergency Response

October 2013 – April 2014

### Emergency Medical Technician

#### Highlights

Responded to emergency situations

Triaged patients based on how critical they were

Transported patients to & from hospitals

## Knotts Berry Farm

Buena Park, CA

Theme Park

April 2011 – September 2012

### Ride Operator

#### Highlights

Operated rides and ensured the safety of guests

Customer Service

Trained new employees how to safely operate rides

## 📍 CONTACT



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<https://franciscogonz64.github.io/myWebsite>



## EDUCATION

2020

### Cerritos College

 Associates

Natural Science

## SKILLS

Golang Intermediate

golang

go

Kubernetes Intermediate

kubernetes

k8s

Docker Intermediate

docker

Terraform Beginner

terraform

AWS Intermediate

aws

amazon

amazon-web-services

Jaeger Beginner

jaeger

Istio Beginner

istio

service-mesh

Git Advanced

git

vcs

Swift Advanced

swift

TDD Advanced

tdd

test-drive-development

API Development Advanced

apis

restful-apis