

RONALD CORONA

Senior Software Engineer

committed to quality

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in [linkedin.com/in/42b](https://www.linkedin.com/in/42b)

🐙 github.com/JomoPipi

XP

Lead Software Engineer / Acting CTO

[Global Fire Safety Inc.](#) December 2024 - Current

- Built the company website to strengthen brand and drive customer engagement.
- Developed a remote management software to boost employee productivity.
- Worked on a dual-app SaaS MVP connecting restaurants with certified technicians, featuring real-time dispatch, tracking, and push notifications.

Embedded Software Consultant

[Anthropocene Motors](#) August 2022 - February 2023

- Developed firmware and control algorithms for a brushless motor, increasing RPM **fivefold** and enabling EV prototype validation.
- Built an automatic coil-winding machine to accelerate motor prototyping.

Senior Software Engineer

[Volley](#) November 2021 - March 2022

- Built libraries, tooling, and infrastructure for Alexa and Google Assistant voice games, including analytics and consent plugins.
- Rewrote Find My Phone for Amazon Alexa, reducing average dialogue time by **9%**.

</> Projects

 [nunisynth](#)

March 2020 - May 2021

Designed and released a node-based modular synthesizer built with the Web Audio API. Attracted first paying customers before making it freely available at noodlesynth.com. Demos can be found on YouTube.

lambdacalceval

October 2019 - November 2019

Built an interactive lambda calculus evaluator along with a reduction step viewer that highlights each active subexpression. Available at lambdacalceval.ronaldmcorona.vercel.app.

codewars

December 2017 - current

Author of 20 original Codewars challenges (14K+ completions); top **0.02%** user. Profile: codewars.com/users/JomoPipi.

Skills

PROGRAMMING LANGUAGES

JavaScript

TypeScript

Python

Java

C++

Bash

Dart

PostgreSQL

WEB TECHNOLOGIES

HTML

CSS/SCSS

React

Svelte

Three.js

Web Audio

PLATFORMS & TOOLS

Node.js

Electron

Arduino

Linux

Flutter

ESP32

CLOUD & DEVOPS

AWS

GCP

Firebase

Supabase

EMERGING TECH

IoT

ChatGPT

AI Tools

Robotics

Web3

MISC & HOBBY

Skateboarding

Stick Welding

DIY

RuneScape PKing