



Fernando G. Vilar

Certified Scrum Master and FullStack developer



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Experience

Polygonal, Hong Kong — Founder

SEPTEMBER 2019 - PRESENT

Founded Polygonal to channel my consulting and freelancing work.

Portefini, Chicago — Frontend Web Developer

DECEMBER 2018 - NOVEMBER 2019

Conducted maintenance of a legacy [Polymer](#) code base. Later transitioned to writing [components](#). Implemented integrations with marketing and analytics tools such as [ActiveCampaign](#), [OptinMonster](#), [Facebook Pixel](#), [HotJar](#) and [Google Analytics](#). Additional Backend work in [Node.js](#).

Bredec, Berlin — Chief Technical Officer

JULY 2017 - MARCH 2018

Architected software and infrastructure (cloud only, specifically [Google Cloud Platform](#)) solutions for Bredec's clients. We specialized in fully managed REST-like backends written in [Go](#) and [Progressive Web Applications](#) as frontends.

Learning Health, San Francisco — Frontend Web Developer

FEBRUARY 2016 - JULY 2017

Designed and coded the company's user facing SPA ([Single Page Application](#)) implemented in [Polymer](#). The app connected to multiple [REST APIs](#).

Bredec, Alexandria, ON, Canada — FullStack Developer

MARCH 2015 - FEBRUARY 2016

Developed simple [content management systems](#) with cloud backends written in [Go](#) and web frontends first implemented in [Angular](#) and later in [Polymer](#). *Note: this Canadian company Bredec is the same as the German company Bredec (this was before they relocated).*

Education

Udacity — FullStack Web Developer

2017 - [LINK TO CERTIFICATE](#)

Udacity — FrontEnd Web Developer

2017 - [LINK TO CERTIFICATE](#)

Universidad Tecnológica Nacional, Buenos Aires — B.Sc. CS

2015 - INCOMPLETE

Certifications

Scrum Alliance

Certified Scrum Master

2019 - [CERTIFICATE](#)

Skills

Programming languages

HTML	●●●●●●●●
CSS, Sass	●●●●●●●●
JavaScript	●●●●●●●●
TypeScript	●●●●●●●●
Go	●●●●●●●●
Python	●●●●●●●●
R	●●●●●●●●

Frontend frameworks

Svelte	●●●●●●●●
React	●●●●●●●●
Polymer	●●●●●●●●
Web components	●●●●●●●●
Vue	●●●●●●●●
Angular	●●●●●●●●

Backend frameworks

Go: Gin, Chi	●●●●●●●●
Node.js: Express, Koa	●●●●●●●●
Python: Django, Flask	●●●●●●●●

Cloud

Cloud Functions	●●●●●●●●
Firebase	●●●●●●●●
Docker, Kubernetes	●●●●●●●●

Databases

Cloud Datastore	●●●●●●●●
Cloud Firestore	●●●●●●●●
MongoDB	●●●●●●●●
SQL	●●●●●●●●
Cassandra	●●●●●●●●
Neo4J	●●●●●●●●

APIs

Stripe (payments)	●●●●●●●●
Algolia (search)	●●●●●●●●
SendGrid (email)	●●●●●●●●

Tools

Git	●●●●●●●●
Rollup, Webpack, Gulp	●●●●●●●●

Coursera

Architecting with Google Kubernetes Engine: Foundations

2019 - [CERTIFICATE](#)

Essential Google Cloud Infrastructure: Foundation

2019 - [CERTIFICATE](#)

Google Cloud Platform Fundamentals: Core Infrastructure

2019 - [CERTIFICATE](#)

Programming with Google Go Specialization

2019 - [CERTIFICATE](#)

Programming for Everybody (Python)

2015 - [CERTIFICATE](#)

R Programming

2014 - [CERTIFICATE](#)

MongoDB University

M102: MongoDB for Database Administrators

2014 - [CERTIFICATE](#)

M101JS: MongoDB for Node.js Developers

2014 - [CERTIFICATE](#)

M101J: MongoDB for Java Developers

2014 - [CERTIFICATE](#)

M101P: MongoDB for (Python) Developers

2014 - [CERTIFICATE](#)

Codility

Palladium Challenge

2020 [CERTIFICATE](#)

Udemy

gRPC [Golang] Master Class: Build Modern API & Microservices

2019 - [CERTIFICATE](#)

Complete Guide to Protocol Buffers 3 [Java, Golang, Python]

2019 - [CERTIFICATE](#)

Business Process Modeling A-Z™: Learn BPMN 2.0 From Scratch

2019 - [CERTIFICATE](#)

All You Need To Know About AngularJS

2015 - [CERTIFICATE](#)

Languages

English

Spanish - Español

Chinese - 中文

Thai - ไทย

