



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 [React](#) 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 | <div><div></div><div></div><div></div><div></div><div></div></div> |
| CSS, Sass | <div><div></div><div></div><div></div><div></div><div></div></div> |
| JavaScript | <div><div></div><div></div><div></div><div></div><div></div></div> |
| TypeScript | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Go | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Python | <div><div></div><div></div><div></div><div></div><div></div></div> |
| R | <div><div></div><div></div><div></div><div></div><div></div></div> |

Frontend frameworks

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|----------------|--------------------------------------------------------------------|
| Svelte | <div><div></div><div></div><div></div><div></div><div></div></div> |
| React | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Polymer | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Web components | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Vue | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Angular | <div><div></div><div></div><div></div><div></div><div></div></div> |

Backend frameworks

| | |
|-----------------------|--------------------------------------------------------------------|
| Go: Gin, Chi | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Node.js: Express, Koa | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Python: Django, Flask | <div><div></div><div></div><div></div><div></div><div></div></div> |

Cloud

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|--------------------|--------------------------------------------------------------------|
| Cloud Functions | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Firebase | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Docker, Kubernetes | <div><div></div><div></div><div></div><div></div><div></div></div> |

Databases

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|-----------------|--------------------------------------------------------------------|
| Cloud Datastore | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Cloud Firestore | <div><div></div><div></div><div></div><div></div><div></div></div> |
| MongoDB | <div><div></div><div></div><div></div><div></div><div></div></div> |
| SQL | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Cassandra | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Neo4J | <div><div></div><div></div><div></div><div></div><div></div></div> |

APIs

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|-------------------|--------------------------------------------------------------------|
| Stripe (payments) | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Algolia (search) | <div><div></div><div></div><div></div><div></div><div></div></div> |
| SendGrid (email) | <div><div></div><div></div><div></div><div></div><div></div></div> |

Tools

| | |
|-----------------------|--------------------------------------------------------------------|
| Git | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Rollup, Webpack, Gulp | <div><div></div><div></div><div></div><div></div><div></div></div> |

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

