



## ALBERT CASANOVAS

I am a product-oriented Software Engineer who loves to design and architect scalable systems, owning features from conception to delivery, from frontend to backend.

I enjoy crafting great user experiences and accessible frontends, high-performance and robust backends, taking care of security and deployment.

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### I SPEAK

Catalan  
Full professional proficiency, oral and written

Spanish  
Full professional proficiency, oral and written

English  
Professional working proficiency

### EDUCATION

2010 - 2012  
Technological baccalauréat in Science and Technology at IES Llavanes

2012 - 2014  
Bachelor's Degree in Computer Engineering at Universitat Autònoma de Barcelona, Engineering School (ETSE)

2015 - 2017  
Bachelor's Degree in Computer Engineering at Universitat Oberta de Catalunya (UOC)

### EXPERIENCE

Oct 2012 - Oct 2013  
**Zitric Media**  
Web developer

Dec 2013 - May 2014  
**Renommé Barcelona**  
Full-stack software developer

Jul 2013 - Aug 2015  
**Inter Services Euro America**  
Project Manager / Lead Full-Stack Developer

I was in charge of building the MVP for a B2C platform that would allow touristic business owners to offer their costumers a variety of services from real-time concierge services to guided audio/map guided tours on a mobile app.

Nov 2013 - Aug 2015  
**Albert /DEV**  
Full-Stack Web Developer

As a freelance, I worked on multiple part-time and short projects using LAMP Stack (Linux, Apache, MySQL and PHP) and frontend technologies (HTML, CSS, JavaScript). Other technologies I used are Wordpress, Drupal, Node.js, MongoDB, Mongoose, PostgreSQL, SQLite, Vagrant and Python.

Nov 2015 - Sep 2017  
**Inopus GmbH**  
Senior Software Engineer

I had the chance to work remotely in a next generation Application Life Cycle Management platform (Web, B2B, SAAS & PAAS) and a couple of service projects for Metafinanz, revitalizing a legacy monolith into a modern and scalable infrastructure.

Sep 2017 - Feb 2018  
**Albert /DEV**  
Solo Full-Stack Software Engineer

As a freelance, I did a project for Game Solution, a Swiss company, on the development of an online Swiss Banking Simulation for banking corporations. I worked closely with the UI/UX Designer and the Managing Partner, to reverse engineer the 90s desktop version of the simulation and craft the new version using: React, WebSockets, Node.js, PostgreSQL, MQTT and Docker.

Nov 2017 - Present  
**Evolve Adaptive Learning Shanghai Ltd.**  
Lead Full-Stack Software Engineer / Architect

Currently leading an agile team working remotely from Barcelona for a Shanghai based company on the development of their new online game-based learning and development solutions for corporations.

### CERTIFICATIONS & COURSES

Jun 2012  
**ACTIC**  
ACTIC certificate advanced level

Jun 2014  
**MongoDB, Inc**  
MOOC "M101P: MongoDB for Developers"

May 2013  
**UAB**  
Course "Android Programming"

Aug 2014  
**MongoDB, Inc**  
MOOC "M101JS: MongoDB for Node.js"

Aug 2015  
**Code School**  
Shaping up with Angular.js

Apr 2016  
**Plural Sight**  
Building Data-driven React Applications with Relay, GraphQL, and Flux  
High Performance PHP by Jonathan Klein  
React and Flux for Angular Developers by Tony Alicea  
Design Patterns in C++: Structural - Façade to Proxy by Dmitri Nesteruk

May 2016 - Jun 2016  
**Plural Sight**  
Play by Play: Learning AngularJS With Ken Cenerelli and John Papa by Geoffrey Grosenbach and John Pap  
Play by Play: Angular 2 Quick Start with John Papa and Ward Bell by Papa, Bell  
Automating the Web Using PhantomJS and CasperJS by Engin Arslan  
Play by Play: Docker for Web Developers with John Papa and Dan Wahlin by Papa, Wahlin  
Introduction to D by Dmitri Nesteruk  
High-performance Computing in C++ by Dmitri Nesteruk  
Building Distributed Applications with Go by Mike Van Sickle  
Ethical Hacking: SQL Injection by Troy Hunt

Jul 2016 - Aug 2016  
**Plural Sight**  
Ethical Hacking: Session Hijacking by Troy Hunt / Scanning Networks by Dale Meredith / System Hacking by Dale Meredith / Buffer Overflow by James D. Murray / Denial of Service by Troy Hunt / Social Engineering by Troy Hunt / Cryptography by Jason Helmick / Cloud Computing by Troy Hunt

### LANGUAGES

JavaScript PostgreSQL  
PHP  
C/C++  
D  
GO  
Java  
MySQL  
MongoDB  
Ruby  
Python  
HTML 5  
CSS3

### FRAMEWORKS

React / React Native  
Node.js  
Ruby (RoR)  
GraphQL  
Godot  
AngularJS  
Ember.js  
Django  
Redis  
Laravel  
Phalcon  
Git/SVN

### SKILLS

Docker  
Vagrant  
Continuous Integration  
Linux  
Android Development  
iOS Development  
WordPress/Drupal  
SEO/SEM/SMO  
UI/UX