# Dani Gámez Franco

**Lead Frontend Architect at Swyg, Former CTO at Brava Lab, Summa Cum Laude
Computer Science Engineer at UAB, Entrepreneur**

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|---|---|
| **Core Techs:** | JS, TS, React, NodeJS, MongoDB, Python, AI/ML, PWA |
| **Interested In:** | Go, Rust, WebAssembly, Blockchain and Flask/Django |
| **Location:** | Ordino, Andorra (B2B remote roles only) |
| **Website:** | https://gmzcodes.com |
| **Stack Overflow:** | http://stackoverflow.com/users/3723993/danziger |
| | **Top 1% answerer for JavaScript**, top 5% for React.js, Node.js, Webpack, MongoDB, Python, CSS and HTML, top 10% for TypeScript and Express. |
| **Contact** | +376 602 915 / gmzcodes@outlook.com |

# EXPERIENCE

### Senior Frontend Engineer / Architect (Hands-On) at Swyg · June 2020 – Present

*Techs: JS, ES6+, TypeScript, HTML, MDJSX, CSS, SCSS, React, GraphQL, react-hook-form, Twilio, Zappier, Jest, react-testin-library, Storybook, Node.js, Next.js, Nest.js, NPM, Webpack, Babel, TSLint, PostgreSQL, Python, Django.*

Building an amazing platform to improve hiring processes for both companies and candidates!

As the frontend expert on a small but diverse team of 6, my main responsibilities at Swyg are building and architecting our websites, webapps and browser extensions while trying to understand user needs to guide our next steps. At the same time, I also invest some time in backend development, analytics, and product design, working closely with the rest of the team.

### CTO at Brava Lab · March 2019 – June 2020 (1 year & 4 months)

As a co-founder and CTO, I have been developing our technology and innovation strategy and culture, setting a vision and roadmap to where we want to go and what we try to achieve.

As a consultancy-oriented company, there have always been two sides of the same coin:

On the one hand, I have been defining high-level solutions, architectures and strategies for clients in the fintech, health, biotech and adult industries and help them build and interview talented developers, engineers and product designers for their teams. Staying on top of technology trends and developments is key here in order to properly advise clients.

On the other hand, I have also been working on our own ventures, conceiving, evaluating and validating them and finding ways to generate new business opportunities and competitive advantages.

### Lead Frontend Software Engineer / Architect (Hands-On) at MedAnswers (Contract) · January 2019 – May 2020 (1 year & 5 months)

*Techs: JS, ES6+, TypeScript, HTML, MDJSX, CSS, SCSS, JSS, React, Redux, Immer, Formik, Material-UI, i18next, Jest, Enzyme, Cypress, Storybook, Node.js, Next.js, PWA, NPM, Webpack, Babel, TSLint.*

Leading an agile frontend & QA team of 3-5 people working remotely from Barcelona Health Hub, Colombia and Portland for MedAnswers, an American health (fertility) startup, client of Brava Lab.

Our focus is on creating a new digital fertility platform to bring free access to fertility specialists, same day answers and personalized DNA Home Fertility Check and Genetic Wellness Report Test Kits to our users.

We are working intensively on improving SEO and adding multilanguage support together with the Marketing team using SSR with Next.js and i18next, rich results with structured data and a consistent and scalable content strategy. As part of this, we are also migrating the old jQuery and Ember sites and integrating services such as Instagram, Facebook, Google Analytics & Places API, Shopify and HubSpot into the platform.

Keeping a constant communication with the Project Manager and UI/UX Designer, as well as the CTO and the Science Team, we are able to craft personalized user experiences and build beautiful, performant, usable, accessible, extensible, maintainable and robust web applications and UIs, while continuously evaluating and trying new technologies to improve upon the current stack.

### Senior Frontend & Mobile Engineer at GMZcodes (Contract) · February 2018 – October 2018 (9 months)

*Techs: JS, ES6+, TypeScript, HTML, CSS, SCSS, Angular 4+, NativeScript, Webpack, Babel, TSLint, Java (Android), Swift (iOS), Objective-C, performance optimization, AMS, Dynatrace, Push Notifications, AEM,* WCAG2-AA.

I started working on a first-class accessible and performant banking website for a leading Swiss bank using, mainly taking care of improving existing under-performant or non WCAG2-AA-compilant components or creating new critical or complex ones.

After that, I joined a NativeScript mobile application project and, together with the rest of the team, we integrated engaging features like Rich Push Notifications through AMS (Adobe Mobile Services) and others services that would provide valuable business and technical insights, like Adobe Analytics and Dynatrace, all while contributing to the Open-Source community around NativeScript.

### Full-Stack Software Engineer at SmartFocus · August 2017 – December 2017 (5 months)

Revitalizing an old, legacy Backbone + Marionette monolith and building new products with React.js. More on LinkedIn.

### Software Engineer at Netcentric · September 2016 – July 2017 (11 months)

*Techs: JS/ES2015+, TypeScript, Flow, HTML, CSS, SCSS, PostCSS, Angular 2, Redux, Webpack, Babel, TSLint, Karma, Protractor, Node.js, Chrome Extensions, SPA, Java, AEM.*

As a Software Engineer, I continued working in the same Angular 2 banking SPA, while I also developed some Node.js tools for our build process and took part in creating the build setup for the next project, integrating other newer technologies and contributing to a related Living Style Guide project.

On top of that, I worked on cross-browser and cross-device testing and accessibility (WCAG2-AA), always striving to provide pixel-perfect, high-quality and performant solutions and a great user experience.

### Junior Software Engineer at Netcentric · September 2015 – September 2016 (1 year)

*Techs: JS/ES2015+, HTML, CSS, SCSS, AngularJS, JSPM, Gulp, Babel, ESLint, Karma, Protractor, Node.js, Chrome Extensions, SPA, Java, AEM.*

I started working at Netcentric as a Junior Backend Engineer, working mainly with Java on AEM, in a project for one of the biggest Swiss banks. Three months later I switched to a Junior Frontend Engineer role and I started working on a different AngularJS mobile-first fully-responsive SPA project, integrated in AEM, for another leading Swiss bank, and after finishing that we started a second project for the same client using Angular 2.

I also developed some tools with Node.js and Chrome Extensions to automate some tedious work and processes and improve testing.

### Full-Stack Web Developer at GMZcodes (Freelance) · September 2011 – August 2015 (4 years)

Multiple LAMP stack (Linux, Apache, MySQL and PHP) projects, including a B2B e-commerce and search engine on MySQL. More on LinkedIn.

# EDUCATION

**Self-Driving Car Engineer Nanodegree at** Udacity · **September 2017 – October 2018**

*Techs: Python, OpenCV, TensorFlow, Keras, CNN, Scikit-learn, SVM, decision trees, random forest, Adaboost, image classification, object detection, image segmentation, C++, Eigen, OpenMP, Ipopt, CppAD, Kalman Filter, PID controller, MPC, radar, lidar, GPS, ROS, RNN, LSTM.*

**Bachelor's Degree in Computer Engineering, Specialization in Information Technology (TI), 9.26, Graduated with Honors (Summa Cum Laude) at** Autonomous University of Barcelona (UAB), Engineering School (ETSE) · **2012 – July 2017**

Obtained Honors in the following courses: Fundamentals of Computing, Programming Methodology, Fundamentals of Computers, Electricity and Electronics, Discrete Mathematics, Statistics, Software Engineering, Databases, Programming Lab, Artificial Intelligence, Networks, Operating Systems, Computer Structure, Computer Architecture, Internet and Web Development Technologies, Information Systems, Software Design, Advanced Internet Technologies, Web Systems and Technologies, Networks Infrastructure and Technology, Current Trends, Legislation, Ethics in Engineering, Data Integrity and Security, Software Quality and Testing and Project Management.

Also awarded with the Computer Engineering Degree Special Award (2017 Promotion) and the Special Award for the Best Degree Record of the Computer Engineering Degree (2017 Promotion).

**Bachelor's Degree in Industrial Technology Engineering (not terminated) at** Polytechnic University of Catalonia (UPC), School of Industrial Engineering of Barcelona (ETSEIB) · **2011 – 2012**

**GCE Advanced Level (A-level), Specialization in Science and Technology - 9.09 (11.274 in Selectivity) at** INS La Ferrería · **2009 – 2011**

# CERTIFICATIONS & COURSES

**More than 50 courses/workshops done only in the last couple of years in platforms such as Udactiy, Udemy, Pluralsight, Code School, MongoDB University, Coursera or MiríadaX.**

*Techs: C++, MongoDB (M201, M101J, M101JS, M101P), Marionette, Backbone.js, React, Redux, SSR, TDD, Wordpress, DevOps, Security, PhantomJS, CasperJS, Docker, UX, Node.js, Microservices, Java, Machine Learning, Career Management, Business Planning, Agile, Scrum, Penetration Testing, Webpack, OAuth2, OpenD Connect, JWT, Gulp, Hapi, SMACSS, ES2015, Git, Angular.js, Angular, FirefoxOS, WebApps, Android.*

# LANGUAGES

### TOEIC ® Listening and Reading

TOEIC® Program | March 2017 – March 2019 | 495/495 and 485/495 | C1 equivalent in CEFR

### TOEIC ® Speaking and Writing

TOEIC® Program | March 2017 – March 2019 | 160/200 and 190/200 | B2 equivalent in CEFR

### Native Spanish

Full professional proficiency, oral and written

### Native Catalan

Full professional proficiency, oral and written. Level C recognized

### PET English certificate (level B1 in UE) - Pass With Merit

Cambridge University | 2009

### Basic Junior Level of English 1 & 2 certificates

Phimister's English School | 2004 & 2006