

Dani Gámez Franco

Web3 Founding Full-Stack Engineer at NFMe Galaxy, Founder of Andorra Tech Valley
Summa Cum Laude Computer Science Engineer at UAB, Entrepreneur, Former CTO



Core Techs: JS, TS, React, Next.js, NodeJS, MongoDB, DynamoDB, SQL
AWS (sst), PWA, performance optimization.

Interested In: Rust, WebAssembly, ML/AI (particularly computer vision), fintech/web3.

Location: Ordino, Andorra (B2B remote roles only)

Website: <https://gmzcodes.com>

Stack Overflow: <http://stackoverflow.com/users/3723993/danziger>

In the top 1% answerers for JavaScript and React.js; top 2% for React Hooks, Node.js, MongoDB, Webpack, HTML and CSS; and top 4% for TypeScript, Express.js, HTML Canvas and Python.

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EXPERIENCE

Web3 Founding Full-Stack Engineer at NFMe Galaxy · September 2022 – Present

Techs: JS, ES6+, TypeScript, HTML, MDXJS, CSS, SCSS, JSS, Material UI, React, Next.js, SST, AWS, Lambda, DynamoDB, API Gateway, Formik, PNPM, ESLint, Framer, Rive, SVG.js.

At NFMe Galaxy, I held a pivotal position as the Founding Engineer, taking charge of developing an innovative identity solution using NFTs. Reporting directly to the founder, I led the creation of a performant React-based 2D SVG avatar editor from scratch, set up our monorepo and builds for all our projects, and helped establish the foundations for our serverless architecture.

Alongside my engineering responsibilities, I played an integral part in hiring endeavors and contributed to shaping the company's strategy and product decisions. My role encompassed technical expertise as well as leadership and communication to communicate with non-technical or less experienced colleagues.

Web3 Senior Frontend Engineer, Payments at Mojito · December 2021 – August 2022 (9 months)

Techs: JS, ES6+, TypeScript, HTML, MDXJS, CSS, SCSS, JSS, styled-components, Material UI, React, Next.js, Apollo GraphQL, Go, PostgreSQL, react-hook-form, Jest, react-testing-library, NPM, Webpack, Rollup, Babel, TSLint, dumi, WalletConnect, web3.js.

Leading the development of a customizable NFT checkout / payment UI supporting multiple fiat and crypto payment methods, including features such as item reservation, address validation, fraud prevention using 3DS, taxation using Vertex or TaxJar, and wallet transfer.

Also worked on Sotheby's Metaverse and a white-label themable primary and secondary market site to enable more customers to quickly launch their NFT e-commerce, as well as Mojito's React SDK and admin interface.

Lead Frontend Engineer / Architect, UI at Swyg · June 2020 – November 2021 (1 year & 5 months)

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

As the Frontend expert on a small but diverse team of 6, my main responsibility at Swyg is building and architecting our innovative peer-to-peer, AI-moderated video-interviewing platform to help you create fast, effective, fair, and unbiased hiring processes and offer a human, fun, and constructive experience for candidates.

At the same time, I work on backend development, analytics, and product design, working closely with the rest of the team and learning from each other's expertise, while trying to understand user needs to guide our next steps. I also lead an initiative to open-source some of our internal libraries and publish some completely free side-projects.

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

As a co-founder and CTO of Brava Lab, a spin-off of a larger consultancy company (Kiteris), I have been developing our roadmap, culture and technology strategy, setting goals to grow the business.

My main responsibility is a mix of presales and solutions engineering, where I would define 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 to properly advise clients.

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, Material UI, React, Next.js, Node.js, PWA, Redux, Immer, Formik, i18next, Jest, Enzyme, Cypress, Webpack, Babel, TSLint, Storybook.

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. I serve as a link between the frontend team, product (PM and UI/UX Designer) and business (CTO and Science Team).

Our main focus is to build and maintain our multilanguage digital fertility platform, which brings free access to fertility specialists, same day answers and a personalized fertility report based on our "DNA Home Fertility Check and Genetic Wellness Test". As part of that, we have also built an interactive sign up and onboarding experience for clinics and professionals, as well as a SEO-optimized Q&A site, and integrated with multiple services, such as Google Analytics & Places API, Shopify and HubSpot.

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-compliant 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

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.

Currently studying some AI-focused Courses on Coursera such as Generative AI with Large Language Models and planning on eventually taking a whole specialization (probably around computer vision). Continuously updating my knowledge and skills either by doing online courses or working on my side projects, which serve as a playground for me to test the latest technologies.

More than 50 courses/workshops done in the early days of my career in platforms such as Udacity, Udemy, Pluralsight, Code School, MongoDB University, Coursera or MiríadaX.

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.