Sergio Ruiz
FullStack JavaScript Developer

Contact

Email

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About

Experienced FullStack JavaScript developer with 14+ years of industry experience, including a lifelong passion for computers and coding since a young age. Demonstrates expertise in code quality, performance optimization, and continuous integration. Quick learner with the ability to adapt to new languages and environments seamlessly, thanks to a comprehensive understanding of various programming languages and operating systems.

Profiles

GitHub

serginator

Twitter

serginator

LinkedIn

serginator

Work

Nov 2024 – Present

TAXFIX - Senior Software Engineer

Senior Software Engineer at Taxfix, focused on full-stack development, mainly Node.js, Golang, React.js and Next.js with TypeScript, using GCP infra. Starting to navigate into the world of LLMs to enhance our developments and our tools.

Highlights

- 2024-11 - present # Development of internal applications to handle taxes submissions in React.js and Next.js, with Golang and Node.js for the endpoints, using MySQL and MongoDB and GCP infra
- 2024-11 - present # Research new features using VertexAI, Gemini API, and LLMs.
- 2024-11 - 2025-05 # I've driven, developed and released the first company's AI feature to production to reduce the handling time of our users by several minutes. It involved testing different models (gemini's, openai's, other opensource ones like llama 8b or 70b) and infrastructures, checking accuracies, latencies, prices... Also checking different libraries for Python and Golang, developing a feedback system to constantly improve the prompt, setting dashboards in snowflake to monitor the usage, adoption, ratings...

- 2025-05 # Initiated the use of well curated prompts in VSCode and Cursor to generate tests automatically for our codebase to increase the coverage easily
- 2025-09 - present # Started exploring MCP and its potential providing context during development and also enhancing our tools.
- 2025-09 - present # Started automating development using n8n and coding agents, from Jira to Draft PRs.

Dec 2022 – Nov 2024

TAXFIX - Software Engineer

Software Engineer at Taxfix, focused on full-stack development, mainly Node.js, Golang, React.js and Next.js with TypeScript, using GCP infra.

Highlights

- 2022-12 - 2024-11 # Development of internal applications to handle taxes submissions in React.js and Next.js, with Golang and Node.js for the endpoints.

Dec 2012 – Oct 2022

SERQUO - Programmer Analyst

Software Developer at Telefónica Tech (previously at I+D). I've worked mainly focused in full-stack javascript, continuous integration and applying best practices, most of the time at video area developing the UI of Movistar TV set-top-boxes for LATAM, now at Cloud area developing CloudBlue APS/Connect for our CSB, both connectors and endpoints.

Highlights

- 2022-01 - 2022-10 # Telefónica - Devi: Integrations with CloudBlue, endpoint development in Node.js; development of Connect products and endpoints in Node.js. Development of Jenkins CI/CD pipelines.

- 2019-03 - 2022-10 # Telefonica - MultiCloud: Development of Connect applications (previously APS 2.2) for CloudBlue, integrating external cloud services (AWS, Azure, GCP...). Backend in AWS lambdas using Python/Node.js.
- 2019-01 - 2019-03 # Bankia: A simple Angular 1.x application to check fraudulent usage in ATMs
- 2017-01 - 2019-01 # Movistar TV - Hybrid HTML: The same but using HTML instead of SVG, and Webpack instead of Grunt.js. In 2017 we made it in Vue.js, in 2018 we removed it and did everything with Webcomponents.
- 2015-01 - 2019-01 # Movistar TV - Hybrid SVG: Development of the UI of a set-top box (STB) with satellite/cable and internet connection for TVApps and VOD, using SVG and JavaScript to communicate with the middleware. Also I've installed and configured all the continuous integration environment with Jenkins and Sonar, and made the Grunt.js tasks to automate everything, from linting or testing to opening pull requests automagically integrating Crowdin with new translations from the OBs.
- 2015-02 - 2015-03 # Movistar TV - GO: Movistar TV web application, which allows to watch Live TV and VOD content, and handle your subscriptions, view the EPG and more. Joined the team for one month to speed development of new features.

- 2015-01 - 2019-01 # Movistar TV - Chromecast Receiver: Chromecast Receiver for the mobile applications of Movistar TV, which handles to play Live TV and VOD on Chromecast. Developed in Angular JS. Also installed and configured all the continuous integration environment with Jenkins and Sonar, and made the Grunt.js tasks to automate everything, from linting or testing to opening pull requests automagically integrating Crowdin with new translations from the OBs.
- 2014-01 - 2014-11 # Telefonica - Cloud Service Broker: CSB is a panel to manage users, assign resources or services, handle your account as a user... It uses Parallels (POA and PBA). Development of an APS 1.2 to integrate McAfee Multi Access in CSB, front-end (in Dojo Toolkit) and back-end (in Node.js), for O2 (UK and GER) and VIVO (Brazil). Also made all the ci environment.
- 2013-07 - 2014-02 # Telefonica - Feedapp: Web application made with the magic of Meteor.js and Lungo.js, connected to our internal LDAP server to handle logins. After finishing it, we ported all the Lungo.js part to Firefox building blocks as some of the members of the team were members of Firefox OS and wanted to use it in their devices. This app allows to send feedback to people personally or anonymously about projects, behavior...
- 2012-12 - 2013-12 # Movistar TV - Hybrid: Development of the UI of a set-top box (STB) with satellite/cable and internet connection for TVApps and VOD, using SVG and JavaScript to communicate with the middleware. Also I've installed and configured all the continuous integration environment with Jenkins and Sonar, and made the Grunt.js tasks to automate everything, from linting or testing to opening pull requests automagically integrating Crowdin with new translations from the OBs.

Jan 2012 – Dec 2012

CIBER - Systems Integration Consultant

Programmer at System Integration, I've been developing a social network, Android apps, rest services at BBVA GAE project, sites with Google Sites for internal

documentation at BBVA and Telepizza's mobile app.

Highlights

- 2012-09 - 2012-12 # Telepizza - Mobile app development: Development of the Smartphone/Tablet application, with our own javascript framework to load all sections dynamically in a single page application.
- 2012-06 - 2012-09 # BBVA - Google App Engine (GAE) Team: Development of services and apps for BBVA using Google App Engine (GAE). After the development of several REST services, I created some documentation webs for internal projects using Google Sites and developing gadgets in Google Apps Script.
- 2012-02 - 2012-02 # HEEL - Android application: Development of a tablet application (Android) for a pharmaceutical laboratory. This app is used to let pharmacists to fill and sign contracts of sale and purchase, with a pharmacy database. It captures the form as a digital image and stores the filled form in CVS format to post-process it.
- 2011-06 - 2012-06 # TUYYOU - Development of a Social Network: Continuing the development.

CIBER - Junior Systems Integration Consultant

Junior Programmer at System Integration developing a social network.

Highlights

- 2011-06 - 2012-06 # TUYYOU - Development of a Social Network: Social network development using ELGG and modifying it's core. It pretended to join a buying platform with a professional network, offering the possibility to earn money from your referrals. It was running for several years, being announced in several media around the country.

Volunteer

Game development in JavaScript — Mar 2012 – Mar 2012

Speaker

It was a conference @etnassoft and I did about Game Development in JavaScript. It was in CAMON, with around 90 attendees.

Highlights

- Video: https://vimeo.com/39259983
- Slides: http://www.serginator.com/juegos-en-js/#/home
- Info about the session: http://lanyrd.com/2012/madridjs/sdqxgc/

Game programming in JavaScript — Dec 2013 – Dec 2013

Speaker

Advanced workshop on how to develop a game without libraries, plain JavaScript, for the GameMe5 event. In this workshop we showed and explained in four hours, step by step, a shootem up demo.

Highlights

- Repo with more info and code: https://github.com/serginator/workshopGameMe5
- The game can be played here: http://serginator.github.io/workshopGameMe5

MadridJS Meetup — Aug 2011 – Dec 2015

Co-Organizer and member

Co-Organizer of MadridJS, helping with talks and organization but with the lack of time, just member since 2015

HTML5 Spain Meetup — Feb 2012 – Dec 2015

Member

JavaScript study group — Aug 2011 – Sep 2011

Member

Study group formed by several members of the JavaScript community in Madrid to learn and debate about JavaScript ecosystem.

Education

LinkedIn Learning
Aug 2025 – Aug 2025

AI Pricing and ROI: A Technical Breakdown

Course

LinkedIn Learning
Aug 2025 – Aug 2025

Complete Guide to Evaluating Large Language Models (LLMs)

Course

LinkedIn Learning
Aug 2025 – Aug 2025

Agentic AI Fundamentals: Architectures, Frameworks, and Applications

Course

LinkedIn Learning
Aug 2025 – Aug 2025

Agentic AI for Developers: Concepts and Application for Enterprises

Course

LinkedIn Learning
Aug 2025 – Aug 2025

Building Agents with Vertex AI

Course

LinkedIn Learning
Aug 2025 – Aug 2025

Advanced RAG Applications with Vector Databases

Course

LinkedIn Learning
Aug 2025 – Aug 2025

Advanced Prompt Engineering Techniques

Course

Udemy
Sep 2022 – Oct 2022

React JS + Redux + ES6

Course

Udemy
Sep 2020 – Sep 2020

Ethical Hacking Fundamental Course - Learn From Scratch

Course

Imagina Formación
Oct 2018 – Dec 2018

ES6, Polymer and WebComponents

Course

Imagina Formación
Web Development with React JS

Course

May 2017 – Jun 2017

Imagina Formación
Design and concepualization of videogames

Course

Nov 2016 – Dec 2016

Imagina Formación
Web development with Node.js

Course

Sep 2016 – Oct 2016

Imagina Formación
Responsive Frameworks

Course

Feb 2016 – Apr 2016

Imagina Formación
Web development with Angular JS

Course

Dec 2015 – Feb 2016

Rice University
An Introduction to Interactive Programming in Python

Course

Oct 2013 – Dec 2013

Universidad Nacional de Educación a Distancia - UNED
Creación y Desarrollo de Aplicaciones para dispositivos Android

Course

Jul 2011 – Oct 2012

Universidad Complutense de Madrid - UCM
Dreamweaver CS4

Course

Mar 2010 – May 2010

Universidad Complutense de Madrid - UCM
Engineering in Computer Science (Not finished)

Engineering

Oct 2005 – Dec 2010

Skills Web Development   JavaScript

Web Development

HTML5　CSS3　LESS

JavaScript　REST　AJAX

JavaScript

ES6　jQuery　AngularJS　Vue.js

React.js　Redux　Next.js

WebComponents　Polymer

TypeScript　Zepto.js

Underscore　lodash

Backend

Node.js　PHP　Python　Golang

Cloud

AWS　GCP　Heroku　Azure

CI

Jenkins　Sonar　Grunt.js

Webpack　npm　Unix　Docker

Kubernetes　Terraform

Databases

MySQL　SQLite　NoSQL

MongoDB

SCM

Git　Github　SVN　TFS

Security

nMap　netcat　Wireshark

ettercap　MSF　Nessus

OpenVAS　aircrack-ng　Nikto

burpsuite

Generative AI

LLMs　CLIP　SD　Lora

diffusers　VertexAI　Gemini

LangChain　OpenAI

Machine Learning

Tensorflow　Keras　PyTorch

pandas　OpenCV

Design

Photoshop　Zbrush

Softimage|XSI　Terragen　Gimp 2

Inkscape

Languages

Spanish

native

English

professional

Japanese

basic