

Juan Angel Cruz Mendez

Senior Fullstack Software Engineer

CONTACT

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EXPERIENCES

Senior Fullstack Software Engineer

Parser Digital

03/2022 - present

London, England, United Kingdom

remote

Backend with NestJS with DDD design and microservices architecture. Communication between microservices by GRPC and TCP. Queuing system for communication between microservices with RabbitMQ. Error monitoring with Grafana and SonarQube. Infrastructure based on Azure and AWS. CI/CD via Github Actions. Frontend with React based on atomic architecture. User interface design with Tailwind and SASS. Handling application state with Redux. Stories with Storybook and Figma. Using the Adapter pattern for HTTP communication with microservices. Principles of software development DRY, KISS, SOLID. Testing with Jest, Cypress, test library, Web Driver IO (unit, integration and e2e tests)

Software Engineer Mentor

Springboard

03/2023 - present

United States

remote

Provide one-on-one mentorship to American universities students, offering guidance on career paths, skill development, and personal growth. Assist in software engineer cv and portfolio building, interview preparation, and networking, helping them transition into the workforce with confidence. Deliver lectures and workshops that empower mentees to grasp complex coding concepts, algorithms, data structures, and best practices. My goal is to demystify challenging topics and promote a deep understanding

Senior Frontend Software Engineer

SIGNA Sports United

04/2021 - 03/2022

Barcelona, Cataluña, Spain

remote

Web applications development with React and Typescript, use of design patterns DDD, clean architecture. Application state management with Redux. Testing with Jest and Cypress (unit, integration & e2e testing). Software development principles DRY, KISS, SOLID. UI components of Antdesign. Reusable CSS methodology based on BEM. Responsive design with SASS mobile first mixins and variables. Deploying applications in Docker containers.

CTO

Squaads

01/2022 - 01/2023

Las Palmas de Gran Canaria, Canarias, Spain

remote

Analyze, design and implement the company's technological stack. Define a technical roadmap with the teams' needs to comply within one year. Create a core engineer team to transfer the technical needs of the company to the teams. Establish internal processes to achieve optimal knowledge transfer for engineering teams. Analyze and define technical careers to develop the internal talent of the teams and align them with the needs of the company. Search, train and create new engineering teams to tackle new projects and grow volume within the company.

Senior Fullstack & Mobile Engineer

Squaads

03/2019 - 01/2022

Las Palmas de Gran Canaria, Canarias, Spain

remote

Mobile Development for Android and iOS Apps with Ionic3 and Ionic4. Backend as a Services with Firebase, like authentication, Cloud functions, Firestore, etc Projects development with backend based on Node.js: APIs, mailing, authentication, encrypted, MongoDB. API's development with Nest.js. Backend unit testing with Jest Deploying tasks and scripting for diferents cloud services like Digital Ocean, Heroku, AWS. Git repositories on Github, Gitlab and Bitbucket. All workflow based on Gitflow. Frontend and development web applications with Angular and Vue.

Software Engineer Teacher

EOI & SPEGC

03/2021 - present

Las Palmas de Gran Canaria, Canarias, Spain

remote

Develop and deliver comprehensive software engineering courses: Testing, Fullstack Software Engineering and Analysis and System Design. Instruct students in software testing

methodologies, including manual and automated testing techniques and core concepts like Software Quality standards, TDD, Testing pyramid, White box and Black box testing, using technologies like jest, vitest, testing library, cypress, etc. Teach Fullstack MERN stack technologies, covering MongoDB, Express.js, React, and Node.js. Create hands-on labs, coding exercises, and projects to reinforce theoretical concepts. Mentor and guide students in test-driven development (TDD) and agile software development practices. Organize and lead workshops and hackathons to provide practical experience and promote collaboration.

Fullstack Engineer

Bitbox

12/2018 - 02/2021

Las Palmas de Gran Canaria, Canarias, Spain

remote

Web development of web applications Ventajon.com, Ikeafamily.com.do (Santo Domingo), Ikeafamily.net (Spain) with Php, HTML5, Javascript and CSS3. Backend development of REST APIs with Symfony4 (controllers and models development whit Doctrine ORM) and DDBB administration with PostgreSQL. Frontend development with Symfony4 (controllers, views and all logic frontend programming). Code optimization and refactoring. Bugs solving and web support.

SysAdmin

Computer Service ISP

09/2017 - 12/2018

Arguineguin, Canarias, Spain

on site

Installation of fiber optic networks (fiber fusion, FTTH, ONT, GPON, fiber routers, range extenders, etc.), ADSL, radio links, LTE and other types of networks, through the use of CRM service management software. Assembly and maintenance of base stations (FTTN, connections with the network service in racks: fiber headers, patches, routers, switches, as well as power supply. Maintenance and repair of equipment in use or failed (antennas and other network equipment).

Web Developer

Virtualweb S.L.

06/2016 - 02/2017

Las Palmas de Gran Canaria, Canarias, Spain

on site

Layout and development of the web apps, frontend and backend (inmovirtual.eu, plusvirtual.com, rv360.live). Development and implementation with javascript and Javascript and Css frameworks (Vue.js and SASS),as well as external API's (google maps, analitics). Web architecture, hosting, domains, creation of development and production enviroments. MySQL Databases. Optimization with Lighthouse (load speed, compression, code structuring and normalization). SEO and UX/UI. Nginx web cloud-server deployment and development NAS apache server.

Data Analytics Basics Master's degree

edX

03/2022 - 08/2023

United States

remote

Know various components of a modern data ecosystem and the roles of Data Analysts, Data Scientists and Data Engineers play in this ecosystem. Understanding of data structures, file formats, sources of data and data repositories. What Big Data is and the features and uses of some of the Big Data processing tools. Introduction to the key tasks a Data Analyst performs day to day like how to identify, gather, wrangle, mine and analyze data and finally communicate their findings to different stakeholders in an impactful way. Introduction to the different tools Data Analysts use for each of their tasks. You will know about the various career opportunities available in the field of Data Analytics, and the different learning paths you can consider to gain entry into this field.

Fullstack Web Developer and Programmer

EOI & SPEG

06/2018 - 09/2018

Las Palmas de Gran Canaria, Canarias, Spain

remote

Design and layout (HTML5, CSS3), Advanced Javascript ES6 with MEVN stack (mongodb, express.js, vue.js, Node.js). Backend and frontend. Public APIs development, API/REST (CRUD, routing, testing, versioning, errors control, authentication/token, etc). DevOps cloud deploying with AWS, Docker, Nginx. Master classes: Ionic, Typescript, Firebase, PWA, Jekyll.

Senior Technician in Computer Systems Management and Networks

IES El Rincon

06/2012 - 09/2014

Las Palmas de Gran Canaria, Canarias, Spain

remote

Installation, assembly of computer equipment, interconnection, management and maintenance of computer systems. Design, installation and network administration, network protocols and telecommunications. Server deployment (DHCP, DNS, Backup, mail, etc). Shell scripting and batch. Advanced knowledge of terminals. Machine, servers and clusters virtualization (Proxmox, VMware, VirtualBox). Resources monitoring, load balancers, encrypting and advanced hardware knowledge (servers, systems, antennas).

ABOUT ME

I'm 30 years old, I'm an organized and responsible person, I have a fast learning ability which allows me to do my job correctly, furthermore a team working and time management skills. I'm a mobile

and fullstack developer who has work in many areas of IT, in addition to web development. These experiences have qualified me to have an extensive knowledge about IT sector. My objective is to find a work that i like it and helps me to still growing up both personal and laboriously and improving my skills. I owned my own car and driving license

SKILLS

Typescript:

Javascript:

Node.js:

Nestjs:

Express:

React:

Next.js:

Redux:

Jest:

Testing Library:

Cypress:

Angular:

MongoDB:

PostgreSQL:

Microservices:

Grafana:

SonarQube:

Datadog:

AWS:

Ionic:

Firebase:

Docker:

Svelte:

Vue:

Tailwind:

Webpack:

Vite:

LANGUAGES



spanish



english

HOBBIES

batman

computing

music

technology

sports