Alex Alvarez Garciga

Software Engineer

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Software engineer fluent in JavaScript & C#, with more than a decade of exposure to front-end technologies, Microsoft ASP.Net solutions, and Microsoft Azure Cloud Services. Skilled in UI/UX design, React, Typescript, HTML5, and CSS3. Enthusiastic about creating maintainable, user-friendly software through agile methodologies. Able to quickly learn and adopt new paradigms, programming languages, frameworks, and tools to meet project needs.

# Experience

## Origin IT Solutions B.W. - ACSION

04/2020 - 01/2024 (Curaçao - Suriname)

### Lead Front-end Engineer, Full-stack Engineer

* Architected, designed, and implemented an Expo-based React Native mobile application for healthcare and health insurance using Microsoft Azure Identity Platform for zero-trust security and Microsoft Azure Communication Services for messaging. This creation opened up new opportunities for the company to expand into the Sint Maarten and Curaçao markets.
* Led the front-end development of a healthcare and wellness solution for medical screening and doctor-patient shared decision-making, focused on improving the health system in Suriname.
* Spearheaded and enforced best practices to drive the software development lifecycle through Microsoft Azure DevOps and agile methodologies.
* Served as a consultant to the company clients on UI/UX design and front-end implementation, ensuring new projects and opportunities for extending contracts and improving B2B client relationships.
* Integrated new features and improved performance in some of the company existing products, leveraging and improving client trust in the company current solutions and services.

## Turmundo S.A

08/2016 - 03/2020 (Cuba)

### Technical Lead, Chief Technology Officer

* Played a key role in technical decision-making processes, balancing innovation with practical implementation to meet business objectives.
* Led the development of internal web applications using .NET MVC 5 and Angular, implementing the company overall technology strategy, roadmap, and vision to support business objectives and enhance operational efficiency.
* Spearheaded the creation of a cutting-edge offline map application, leveraging Leaflet, and Ionic for the frontend, and designing a micro-services architecture with RabbitMQ to serve the application.
* Implemented and managed Azure Cloud services for both company infrastructure, and project deployment, ensuring seamless integration between frontend and backend systems.
* Conducted code reviews, implemented agile methodologies and established CI/CD pipelines to improve development efficiency and product quality.
* Actively participated in troubleshooting and resolving complex technical issues across various projects and platforms.

## University of Havana, Information Technology Directorate

09/2012 - 09/2016 (Cuba)

### Software Engineer

* Researched web standards and front-end technologies: HTML5, ECMAScript 6, and CSS3, and taught courses on them to Computer Science Bachelor undergraduates & software engineers.
* Developed and deployed responsive UX/UI designs for multiple and faculty websites, improving online presence and user engagement.

## Casabe LLC

10/2015 - 08/2016 (Cuba)

### Frontend Developer, Freelancer

* Implemented several SVG-based animations with GSAP and CSS3 to improve website interactions and competitiveness, aligning with current market trends.
* Collaborated directly with graphic and editorial designers to convert PSD and Illustrator deliverables into coded, responsive HTML5 and CSS3 web page markup, ensuring adherence to design specifications.
* Integrated web application front-ends with RESTful APIs and web services from various backend technologies like Microsoft ASP.NET MVC, Ruby on Rails, Java, and Python in close collaboration with back-end developers.
* Ensured cross-browser compatibility across Safari, Chrome, Firefox, Internet Explorer, and Edge for all front-end implementations.

## Previous Experiences

09/2012 - 09/2016 (Cuba)

### Full Stack Software Engineer, Freelancer

Prior experience includes roles and freelance work for companies like GMixon-Pixeliris, Tutti Pizza, and Fermen Corporation, leveraging communication, problem-solving, and adaptability skills.

# Education

## Universidad de las Ciencias Informaticas, Cuba.

Computer Science Engineering (Engineer’s degree)

2007 - 2012 (Five-years degree)

## Polytechnic “Martires de Chile”, Cuba.

Computer Programmer Technician (Technician’s degree)

2002 - 2006 (Four-years degree)