

Roger Garcia Zarate

Full-stack Software Engineer

SUMMARY

- Mature IT professional offering 4.5 years of hands-on experience in the industry
- Deep knowledge and versatile experience in building interactive web based applications, integration with third-party services (solution elaboration and implementation) and supplying them with complex server-side systems
- Key areas of technical expertise: Front-end Development, Back-end Development
- Well-versed with all the phases of Software Development Life Cycle, experience of working in different Agile methodologies
- Efficient and collaborative team player, strong analytical and problem-solving skills, high attention to details, ability to connect with people at different levels within the organization
- As a software engineer, I consider myself a passionate, curious person, with the ability to solve problems efficiently. I have worked on different projects in different industries, allowing me to increase my skills
- BSc Electronic Engineer

Technical Skills:

- Languages: JavaScript, Node JS, TypeScript, PHP, Python
- Technologies and Frameworks: React js, Next js, Laravel, Django, Express, React Native, Tailwind css, Styled-Components, MU, Joi, JWT, Bootstrap, SASS
- Tools: Jira, Confluence, Trello, AWS
- Operating Systems: Windows, Linux
- Databases: MySQL, SQLite, PostgreSQL, MongoDB, Firebase Firestore
- Version Control Systems: Git, GitHub, GitLab, Vercel, Heroku
- Methodologies: Agile, Scrum, Kanban

WORK EXPERIENCE

March 2022 - Present – Full-stack Software Engineer, Innovate On Demand, United States - Remote

Customer: Company dedicated to build their own pieces of software and also provide to different customers in the automotive industry a tech team. IoD have been building software in the market almost 20 years ago, giving to the automotive industry products such as CDK Global.

Project: In IoD I have been involved in Dealer OMG, HighRoad, among other projects. All this projects have been created for the automotive industry, providing different services such as: Marketing Campaigns Creator, Selling Vehicles Platform, Staff Administrator Platform.

Team Size: 6 Developers, 2 QA Testers, 2 UX/UI Designer, 2 DevOps Engineer, 1 Team Lead, 2 Project Manager

Project Role: In the two projects mentioned before, I have been working as a team leader, in

the other ones as a full-stack engineer

Tasks performed:

- Developing a platform that unifies and filters data from different dealerships across the US and delivers the filtered data to advertising platforms such as Meta, Microsoft, among others.
- Developing a platform that queries vehicle characteristics and market value provided by different suppliers such as Carvana, Cazoo and others with the purpose of facilitating the sale and decreasing the time of the process.
- Supporting, maintaining and implementing new functionalities in legacy applications.

Environment: React js, Next js, JavaScript, Postgres, Vercel, Docker, Express, Nodejs, tailwind css, styled-components, Atlassian, postman, MUI, Figma.

June 2020 - Present - Full-stack Software Engineer, Sagicc, Colombia - Remote

Customer: Sagicc is the omnichannel CX platform that helps companies with the challenge of serving a multitude of customers in a timely and efficient manner.

Project: Sagicc is a technology platform that includes omnichannel, integrations, data analytics, artificial intelligence to develop and provide solutions to its customers. In Sagicc we also develop functionalities such as task scheduling, mass messaging, dialers, bots, reports among many others.

Team Size: 5 Developers, 1 Team Lead, 1 Project Manager, 1 DevOps Engineer

Project Role: At Sagicc, design and develop new functionalities that may involve back-end and/or front-end, provide maintenance and support to all functionalities and aspects of the platform.

Tasks performed:

- Develop an end-to-end survey module to evaluate our clients' end customers.
- Develop an end-to-end module system that uses a queuing system for report generation.
- Develop an end-to-end module to create dynamic and reusable fields in the dynamic forms of the platform.
- Develop a system to execute one or more actions according to certain criteria that are analyzed on the information found in the platform.
- Develop different CSV reports using SQL that group data and statistics of the interactions created on the platform.
- Develop an end-to-end module to configure and visualize different alerts in the platform according to the SLAs.
- Migrate the platform from Class Components to Function Components.

Environment: ReactJS, JavaScript, Laravel, PHP, MySQL, CSS3, Material UI, Webpack, Postman, AWS, Atlassian.

January 2020 - June 2020 - Full-stack Software Engineer, Pupiplast, Colombia

Customer: Company dedicated to recover and recycle plastic material and transform it into plastic bags.

Project: *PupiDash*, a system to monitor and control inventory and employee data, taking into account sales, purchases and production of each material or product.

Project Role: I was in charge of developing the whole system.

Tasks performed:

- Design and develop a system (PupiDash) that allows to link sales, purchases and

production in the same place. Additionally it has statistics for each element of the process and the functionality of automatic payroll generation for each employee according to the amount of material produced in their respective shifts.

Environment: Django, MySQL, HTML, CSS, Python

July 2019 - January 2020 – Electronic Engineer, Cerro Matoso, Colombia

Customer: One of the companies with the longest trajectory in the mining-industrial sector in Colombia, working since 1982 in the production of nickel contained in ferronickel, necessary in different industries to give steel the anti-corrosive property that makes it stainless steel.

Project: Critical Alerts System (SAC), system for different process and purposes with the objective of be used in different places throughout the area, such as the smelter, and molten metal transportation routes.

Team Size: 5 Developers, 6 Technicians, 1 Team Lead, 1 Project Manager

Project Role: I was in charge of the configuration of the software and hardware of the SAC system, I was also in charge of the team of technicians to do the on-site installation of the solution.

Tasks performed:

- Design and implement a critical alerts system (SAC) that consisted of a functional website to visualize the additional data collected allowing to configure different single board computers (SBC) according to the work to be performed.
- Digitize and automate processes that put workers in high-risk environments (furnaces, boilers with molten material).
- Lead the crew in charge of the installation of the SAC system on site.

Environment: Bootstrap, .NET, HTML, CSS, Raspberry Pi, Python

September 2018 - July 2019 – Full-stack Software Engineer, Pragma, Colombia - Remote

Customer: Company dedicated to offering a tech team with the objective of fulfill a digital transformation for all the digital channels to each of their clients in Panamá, Perú, Guatemala, and United States.

Project: In Pragma I have been involved in Proteccion project. Which is a financial services company and a pension and severance fund administrator, with more of 30 years in the market.

Team Size: 23 Developers, 5 QA Testers, 3 UX/UI Designer, 1 Team Lead, 1 Project Manager

Project Role: I have been working as a Full-stack developer in three different cells each one with a different main purpose, like the affiliates and companies portal, content website, and support.

Tasks performed:

- Help the way the company gives support and solutions to different requirements, decreasing the resolution time from 12 days to 1.
- Creating responsive web pages and doing maintenance and improvements to current applications, including logic and UI development, connecting the product with different APIs according to customer requirements.
- Creating and supporting services in the back-end.

Environment: ReactJS, JavaScript, Java, Bootstrap, SASS, Jenkins, Material UI, Webpack, GitLab, Postman, AWS, Figma.

EDUCATION

BSc's Degree in Electronic Engineering – Universidad Del Norte