

WILLIAM ISRAEL CASTAÑO BALANTA

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Full stack developer specialized in backend

Developer with over 9 years of experience in SQL and 4 years in software development. I have led projects from planning to implementation, focusing on efficient and scalable solutions. My experience includes teamwork, leadership, technical support, requirements analysis, and automation. I have a solid background in agile methodologies, particularly SCRUM, and manage a variety of technologies such as PHP (Laravel), JavaScript (Angular, React, React Native, Vue, Node, Strapi), SQL (PostgreSQL, MySQL, SQL Server), MongoDB, C# (.NET), Ruby (Ruby on Rails), Java, and SpringBoot. Additionally, I am proficient in various architectures and design patterns, as well as tools like AWS, GCP, Docker, Kubernetes, Gitflow, Jenkins, SonarQube, Kafka, PWA, among others..

WORK EXPERIENCE

Full Stack Developer

PuntoRed

May 2022 – August 2024

Integration of external banking services with internal products using ISO 8583 and REST API.
“Apificaciones” (migrations) of services from one product to another.

Migration of internal APIs to different microservices.

Automation of processes using Python, Pandas, and other tools to assist with internal workflows.

Development and refactoring of integrated service code with AWS, where SOLID principles were implemented to improve execution times and clean up the code.

Development of various requirements through user stories or projects in both backend and frontend.

Led the frontend development of an internal product created to self-manage customer registration with internal products, based on UX/UI designs to ensure the frontend matched the design and desired requirements.

Technologies:

Spring boot, Bitbucket, Ruby on rails, Python, Vue 2 y 3, PostgreSQL, Jenkins, SonarQube, AWS.

Full Stack Developer

Brava POS

September 2022 – December 2022

Development of internal tools for the automatic creation of business cards, integrated with the Bitrix24 platform.

Development of a mobile application using React Native for the POS platform in restaurants in Puerto Rico, including its menu, shopping cart, and local conditions, as it is a platform used in a different country.

Technologies:

Php, PostgreSQL, GIT, React, React Native, java

Full Stack Developer

SPARTAN HILL

January 2022 – May 2022

Development of various requirements on a cryptocurrency platform called PlutoWallet, where we integrated Binance and AWS services to manage account usage, status, transactions, and all cryptocurrency-related features, including market value and fluctuations.

Always using the SCRUM methodology to manage and meet development timelines and organization. In this company, I received training and certification in the SCRUM methodology.

Providing support requested by directors using the SCRUM methodology.

Creation of a website promoting the Blockchain Festival in El Salvador, with ticketing and a payment gateway that allows cryptocurrency payments.

Technologies:

JavaScript (Strapi, React, NodeJS, React Native), Mongo, Bitbucket

Staff Developer**SIESA**

January 2021 - January 2022

Development and troubleshooting of software used in various clinics along the Colombian coast, working with an internal library developed in PHP and migrating it to C#. First exposure to SQL Server and its various stored procedures, developing and optimizing existing ones. Always managing an internal client-support requirements platform.

Technologies:

Php with an internal Framework, SQL SERVER, GIT(Sourcetree), Bitbucket, IIS, FASTREPORT, C#(.NET)

DBA AND SUPPORT ANALIST**MR BUSINESS GROUP**

(CDA AV CIUDAD DE CALI, CDA LA 8ª, CDA TECNIMAS, MRHOTEL, CDA SIMON BOLÍVAR)

August 2015 – November 2020

Administration of Windows servers and their respective MySQL databases, including backups and documentation, following the documented process in internal files.

Data reporting based on queries with corresponding data analysis.

Support for the internal system via SSH and electronic cards, providing preventive and corrective maintenance for them.

Preventive and corrective maintenance of computer equipment.

Registration, validation, and presentation of data (document management) during audits.

User administration in installed programs and company applications.

Domain user management.

Network structure administration and support.

Updates to internal software written in Java.

Develop an application for managing and automating telemarketing.

Technologies:

MYSQL, Windows Server, Ubuntu server, php, JavaScript, Java.

WORK EXPERIENCE WITH PROYECTS

Freelance

AUREALAB

2022

ANT 1.0: Development of a web application that manages and administers advisors, consultations, users, and reports to facilitate internal processes in administration

Technologies:

Laravel 7, Angular 9, PostgreSQL, GIT

2024 -

ANT 1.1: The program is rewritten to include modules such as reception and a cash module to streamline and organize processes like telemarketing. Additionally, reports are added to expedite the accounting process, and shifts are implemented to manage the customer flow during their stay. A 'Rate Us' module is enabled to gather customer feedback, generating graphs with the rating results. The reception module is developed in React Native and is designed solely for the entry and validation of customers, allowing them to input their own data to ensure accurate information collection. Notifications and reminders for the status of the technical-mechanical review are developed. Reports are generated via email to company management regarding daily cash information acquired through the software.

Technologies:

Laravel 11, angular 18, PostgreSQL, Git, React native, Java, Kafka.

2021

CUP: Application that takes a PDF file, modifies it, and exports it as images based on the assigned configuration to be used in streaming applications.

Technologies:

Java, PostgreSQL, C#.

Freelance

IMPROVEMENT AFO

2020-2023

Different software is developed for various projects for Improvement AFO, which acts as an intermediary with the government of Valle del Cauca, focusing on the health sector.

-SINANTB: Application used at the departmental level for the administration, management, and monitoring of patients, users, and household members, along with their respective diagnoses and treatments for diseases such as:

Leprosy

Drug-sensitive tuberculosis

Drug-resistant tuberculosis

The system generates various reports and includes different graphs, as well as a heat map that changes based on the number of patients by municipality.

Technologies:

Laravel 7, Angular 11, POSTGRESQL, GIT, Linux

-**FREVALLEDELCAUCA**: Application for the management and administration of inventory, quotations, sales, users, and reports for a departmental distributor supplying various pharmacies in the Valle del Cauca department, along with their specific requirements.

Technologies:

Laravel 7, GIT, Linux, MYSQL, GIT

In its update it uses: Angular 17, Laravel 10, POSTGRESQL, GIT, Linux,

-**Linea 106**: Departmental application for managing reports, patients, and call records for the suicide hotline.

Technologies:

React, node, GIT, Linux, PostgreSQL

Freelance

Formula 1

2021 - 2022

-**ANT**: Project for managing instructors, surveys, vehicles, maintenance, and elements of the driving school.

Technologies:

PHP(Laravel), SQL(MySQL), GIT

-**GES**: Project for managing instructors and students, including entry and exit, evidenced by photographic records with Java and its corresponding web administration module.

Technologies:

Laravel, angular PostgreSQL, Git, Java SE

EDUCATION

COMPUTER ENGINEERING

UNIVERSIDAD DE CATALUÑA'S (Catalunya's university)

2023- Actually

SOFTWARE PROGRAMMING TECHNOLOGIST

NATIONAL LEARNING SERVICE SENA

2023

SOFTWARE DEVELOPMENT

MINTIC 2022

2021-2022

SYSTEM TECHNICIAN

NATIONAL LEARNING SERVICE SENA

January 2012 – January 2013

Technician in Systems, Software, and Hardware

LANGUAGES

ENGLISH B2

SPANISH Native

SKILLS

- **Full Stack Developer:** PHP, JavaScript, Ruby, C#, Java, SQL.
- **Agile Methodologies:** SCRUM, Kanban.
- **Project Management:** Leadership, team coordination, requirements analysis.
- **Automation and Integration of Services:** Process optimization and technological migration.
- **Soft Skills:** Problem-solving, adaptability, time management, effective communication.

PROFESSIONAL GOALS

I am constantly seeking opportunities to apply my experience in the development and leadership of innovative projects. With a focus on continuous improvement and adaptability in changing environments, I am committed to contributing to the success of dynamic teams, taking on new technological challenges that allow me to grow and add value to the organization.