

William Andres Rodriguez Borja

Senior Software Engineer

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have been involved for 6 years with focus on frontend in Web(HTML, CSS, JS) environment designing, building, and maintaining scalable and reliable systems with also good knowledge about UX/UI experience tools like Figma also using computer science topics like Data structures, Algorithms and Design Systems with programming languages with frameworks like Astro, React, Vite, NextJS, Angular, TailwindCSS, Bootstrap working with distributed teams using Agile Methodologies.

EXPERIENCE

Software Consultant, Agile Engine— 12 Dec 2023–31 Oct 2024

Developed solutions for the recognized company Indeed to help to solve issues designing efficient and tested solutions with the best practices like Design Patterns, and improving the time of receive and solving the incidences for microservices arch with React and Spring boot.

- Developed robust applications for Indeed utilizing React and Java frameworks; improved incident resolution times by over 40%, minimizing downtime through systematic identification of critical issues in the codebase.
- Worked with Microservices arch with services with API REST, GraphQL and gRPC with Event-driven design, DDD and hexagonal using Apache Kafka to decouple microservices.
- As a Database I used MongoDB and PostgreSQL creating indexes and DB profiling to optimize queries.
- Designed and created efficient testing solutions using TDD, Unit Testing, Integration Testing, and A/B testing; reduced software defects by 30% while ensuring adherence to company coding best practices.
- Experience with containerization and orchestration tools such as Docker and Kubernetes.
- Implemented and maintained gRPC APIs and GraphQL as a gateway for gRPC services.
- Used Rust programming language a to work to create microservices using asynchronous programming using Tokio, Tonic and Actix

Stack: React, Vite, Typescript, GraphQL, Apollo Studio, Java, Spring Boot, Spring Security, Gitlab, Netflix DGS, MongoDB, Jest, React Testing Framework, Cypress, Proctor, Apache Kafka, JWT, OAuth2, Docker, Gradle, Rust, Tokio, Diesel, Actix

Software Consultant, Cincinnati Associates— 14 Jun 2023–30 Sep 2023

Build front-end web applications using React and NextJS creating Testing and using DevOps best practices using AWS serverless stack and SST having in mind OWASP security practices and as a Senior developer identifying and proposing solutions to problem making mentorship to junior people in the team.

- Developed and deployed responsive front-end web applications using React and NextJS, implementing DevOps best practices with AWS Serverless stack; delivered projects ahead of schedule by an average of two weeks.
- Identified key areas for improvement within the application architecture based on OWASP security guidelines; proposed solutions that addressed three major vulnerabilities without impacting development timelines or user experience.
- Mentored junior engineers throughout the project's lifecycle focusing on coding best practices while helping them implement successful debugging techniques leading to fewer production errors per sprint cycle over six months.

Stack: NodeJS, Typescript, ReactJS, NextJS, TailwindCSS.

Kin + Carta, Technical Consultant — Feb 2023–01 Jun 2023

Spearheaded full-stack development using Angular for a major US bank, enhancing product features through comprehensive frontend with and design; boosted user engagement rates by 25% within the first three months of implementation.

- Generated Microservices using Spring Boot with frameworks of Data, Security, Cloud, MVC, AOP and Rest.
- Automated testing protocols with Karma, resulting in a streamlined testing process that reduced manual testing time by 50 hours monthly, allowing for faster deployment cycles and increased team productivity.
- Use CI/CD with Jenkins, with TDD and XP with scrum like methodologies.
- Deliver features in a containerized environment with Docker, Kubernetes and OpenShift.
- Engineered robust back-end solutions utilizing JDK-11 focused on reusable components through strict adherence to object-oriented programming techniques; decreased integration issues leading up to production release phases by a notable margin.

Stack: Typescript, Javascript, HTML, CSS, Javascript, Java and Spring Boot Framework, PostgreSQL, Kafka, Docker, Kubernetes, OpenShift, Angular, RxJs

Mercado Libre, Software Developer — Feb 2021–Feb-2022

Contributed to the Data-Science team, creating microservices oriented to index a catalog of storage resources. Building tools that were decision-making useful for managing and impacting on numerous people as good as the revenue of the company.

- Influenced the design and creation of products that directly impacted the lives of thousands of people every day.
- Defined and proposed scalable architecture for microservices, enhancing system performance by enabling 99.9% uptime across distributed systems while directly supporting the data science team's operational efficiency goals.
- Scrutinized code from peer developers using established best practices; facilitated knowledge sharing among teams that led to an increase in coding efficiency by reducing average review times from two days down to one.
- Performed monitoring and Guard's for deployed services by our ownership using New Relic, DataDog and Fury.

Stack: Golang and Gin-Gonic Framework, MySQL, Elasticsearch, Big Query and GORM, Microservices, New Relic, DataDog

Carvajal Tecnologia y Soluciones, Software Analyst — Jan 2019–Aug 2019

I will focus on Angular and frontend LayerImplemented on a government project that facilitated the integrations with several dependencies and sources of data that can be useful to digitally sign documents by the Colombian government.

- Design, Implement, and Maintain Scalable Microservices
- Built Microservices In Java with Spring Boot (JPA, Hibernate) and supported the front-end layer using Angular.
- Using DevOps Pipeline with Jenkins, SonarQube, Git flow, Docker Unit Test and Testing Suite

Stack: Java, Spring Boot, JPA, Angular, Jenkins, Git flow, Docker.

Software Analyst, ARMADA NACIONAL COLOMBIANA — Feb 2017 - Apr 2019

I was working with the Human Resource of the Colombian Navy with the Military History team and using Angular 4 and PHP and Oracle DB to create reports, dashboards and internal Business intelligence products that I was contributing with the Frontend layer.

- Contributed to the Requirements Analysis process performing stakeholders interviews.
- Design Wireframes, Mockups and Prototypes.
- Implement frontend layer using Angular 4, Bootstrap and integrate frontend with backend.
- Create dashboards using several different types of Charts.

Stack: Angular, Typescript, RxJS, Php, HTML, CSS, JS, BootstrapCSS, Java, OracleDB, OracleForms.

SKILLS

Programming Languages: Rust, C++, Golang, Java, JavaScript.

Frameworks and Tools: Actix(Rust), Diesel (Rust), Tokio(Rust) Spring Boot (Java), Docker, Kubernetes.

Languages: English, Fluent; Spanish, Native.

EDUCATION

University of London – BSc Computer Science, Apr 2024–Oct 2028

Holberton School – Computer Science Bootcamp, Jan 2021–Oct 2021

Servicio Nacional de Aprendizaje SENA – Bogotá, Tecnólogo, Análisis y desarrollo de Sistemas de Información, Dec 2020

Getting Started with Rust – Linux Foundation.