




Cristian Gonzalo Giraldo Zúñiga

DATE OF BIRTH:
27/11/1989

CONTACT

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ABOUT ME

Skilled Software Developer with a Bachelor of Science degree in Electronic Engineering and more than 5 years of programming experience. Qualified to work with Java Application and a history of working in the information technology and services industry. Proficient in Android Mobile Applications utilizing Kotlin, Flutter and Ionic. Experienced in Frontend development with Angular and Vue.js. Skilled in Node.js backend development.

WORK EXPERIENCE

30/04/2021 – CURRENT – Madrid, Spain

Software engineer

Consulting eSoluzion

- Development of Java 11 applications with lambda expressions and streams, micro-services and using the Spring Framework was used for the development of the functionalities
- Development of API's building controllers with Spring and Swagger.
- Development of REST and SOAP web services to consume and to expose services.
- REST API Design for ecommerce platform.
- Mobile development with Ionic.
- Design and development REST API with Node.js.
- Query and extract data using SQL.
- JPA knowledge for connection to SQL and MongoDB databases.

IT Department / Information and communication / [https://
esoluzion.es/](https://esoluzion.es/) / Madrid, Spain

29/02/2020 – 29/04/2021 – Bogotá D.C, Colombia

Software engineer

Nexos Software

- Microservices development using Node.js and Nest.js and Java.
- Orchestration and management of cloud services using Openshift and Kubernetes.
- Design and development of web platforms using Angular 10.
- Microservices communication using streaming platforms such as NATS and Apache Flume.
- Management and continuous deployment of cloud services using Azure DevOps.

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nxs.com.co/](https://nxs.com.co/) / Bogotá D.C, Colombia

01/11/2019 – 27/02/2020 – Cali, Colombia

Application architect

Nammu.io SAS

- Structuring and implementation of new software projects for web and mobile platforms.
- Frontend design and development using Vue.js and Angular.
- Design and development of REST microservices using JAVA, Docker, Hibernate, PostgreSQL, and Quarkus Framework.
- Implementation in production of services using Docker and Docker Compose.
- Design and implementation of infrastructure as code (IAC).
- Scripting for Jenkins (Jenkinsfile) and Docker (Docker Compose) for continuous integration and deployment processes (CI / CD).
- Infrastructure design and maintenance (VPS, Servers, Nginx, Docker and Linux Ubuntu Server).
- Unit test coding using Junit.

- Creation of API's and REST JSON services.
- Data model design using Hibernate ORM and JPA.
- REST client design and coding.
- API documentation and testing with Swagger UI and OPENAPI.
- Production experience using the Jenkins tool.
- Design and coding of fault tolerant systems using the MicroProfile specification (Timeout, Fallback, Retry and CircuitBreaker).
- Design and protection of REST Endpoints using RBAC (Role-Based Access Control).
- User authentication through OAuth 2.0 protocol using Keycloak Server.
- Creating images for Docker using Dockerfile.
- Using JWT as an authentication method for REST services.
- Build, Build, and Deploy Containers on Google Cloud.
- Implementation of MicroProfile Health Check to check the status of exposed services.
- Implementation of Opentracing and Jaeger to monitor microservices in real time

IT Department / Information and communication / Cali, Colombia

31/05/2017 – 29/10/2019 – Cali, Colombia

Software engineer

Smart TMT

- Design and support of systems for the management of taxes and collection in mayors and governorates in the country.
- Coding and support of tributary systems using JAVA, JAVA EE, JSF, Primefaces, PL-SQL and ORACLE SQL.
- Creation of web interfaces using Vue.js and Angular.
- Linux systems support (Ubuntu server, Oracle Linux, Centos, Windows server)
- Implementation of applications on application servers such as Glassfish, Payara and Weblogic.
- Extensive command experience for Linux.
- Design and implementation of web application for tax statistics using Vue.js, HTML, Javascript, JAVA Microservices, GraalVM and MongoDB.
- Implementation and integration with payment gateways (PayU Latam, Mercadopago, Payment Zone).
- Design and support of highly complex procedures, packages, functions and triggers in the Colombian tax sector, written in PL-SQL for Oracle databases

IT Department / Public administration and defence; compulsory social security / <https://smarttmt.com/> / Cali, Colombia

EDUCATION AND TRAINING

Cali, Colombia

Bachelor of Science Degree in Electronic Engineering

Universidad de San Buenaventura

<https://www.usbcali.edu.co/>

LANGUAGE SKILLS

MOTHER TONGUE(S): Spanish

OTHER LANGUAGE(S):

English

Listening
B2

Reading
B2

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
B1

DIGITAL SKILLS

Microsoft Word / Microsoft Excel / Microsoft Powerpoint / Microsoft Office / Google Drive / Outlook / Zoom / Skype / Power Point / LinkedIn / Google Docs

PROJECTS

01/06/2021 - CURRENT

● ECCAIRS 2 - EASA - European Union Aviation Safety Agency

- Fluid communication with the product owner (a couple of meetings a week), to check that the functional specifications are met and the sprint objectives are achieved (3 weeks)
- Estimates of new functionalities at a technical level following the functional specifications of the product owner.
- Participate in grooming sessions to adapt sprint tasks to technical and team needs.
- Review of the PR Pull Requests released by my team members to avoid uploading faulty code to the development context.
- Technically assist my team in case of technical doubts, the functions are delegated to the product owner
- Development of some new or evolving functionalities at the front or back level (Angular/Java)
- Check that all changes and improvements uploaded to development pass to the integration context at the indicated time where the QA department develops the tests.
- Control product quality and test coverage with tools like Sonarqube.

28/02/2020 - 28/04/2021

● Claro Colombia E-Commerce

- Worked in agile framework as an individual contributor
Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria.
- Converted a monolithic app to microservices architecture using Spring Boot.
- Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
- Integrated Swagger UI and wrote integration test along with REST document.
- Implemented Fault Tolerance system for Distributed Systems. Wrote Controller, Services and directive code using Angular 8.X for a ecommerce platform
- Used spring config server for centralized configuration. Used Jenkins for Microservices deployment
- Developed story/task by following TDD/BDD and Pair programming concepts. Providing daily status in scrum meetings with the client.
- Mentored new team members on effective usage of blend of Spring Boot /JPA , Java and NodeJS.

SKILLS

Tools & Technologies

- Java
- JavaScript
- Java Enterprise Edition
- SQL
- HTML
- Cascading Style Sheets (CSS)
- Hibernate
- JPA
- C#
- .NET Framework
- Microsoft SQL Server
- JavaServer Faces (JSF)
- Linux
- Git
- Oracle Database
- PL/SQL
- Maven
- Oracle SQL Developer
- Node.js
- Spring Framework
- Angular
- MongoDB
- MySQL
- Vue.js
- SOAP
- Representational State Transfer (REST)
- PostgreSQL
- Software as a Service (SaaS)
- Jest
- NestJS

Other Skills

- Jasper Reports
- Primefaces
- Continuous Integration and Continuous Delivery (CI/CD)
- Openshift
- Express.js
- Back-End Web Development
- Serverless Computing
- Full-Stack Development
- DevOps

COMMUNICATION AND INTERPERSONAL SKILLS

Additional skills

- Organizational and planning skills
- Written and Verbal skills
- Good listener and communicator
- Team-work oriented
- Decision-making
- Conflict resolution
- Analytical skills
- Motivated
- Creativity
- Strategic Planning
- Critical thinking
- Reliability
- Research and analytical skills
- Responsibility
- Flexibility
- Presenting