



# Manuel Fernando Gallego Arias

## Software Engineer

## Profile

I have 15 years working in Java from 1.4 to modern java versions and Spring Framework (Web, JPA, AI, etc). JavaScript from plain JS to modern FrontEnd frameworks like React, Vue, Angular. NodeJs (Express), Kotlin, Oracle Database, Microsoft C# (1 year), Kotlin for Android (1 year), Docker, DevContainer, Neo Vim, cloud in AWS, Clever Cloud and many other tools. I had the opportunity to technically lead the development teams, helping to solve difficult problems. Paying special attention to details and quality to meet stakeholder's needs. Working teaming up with business analysts, design specialists, infrastructure architects, software architects and stakeholders. In the past 7 years, helping USA companies with their complex software.

## Previous Jobs and Projects

### Freelancer - Toptal – 09/2024 - Present

**Project:** [www.toptal.com](http://www.toptal.com)

USA Clients.

**Role:** Senior Fullstack Developer, Senior Java Engineer, Senior Node Developer

**ENVIRONMENT:** Fullstack with Spring Boot applications (Web, Data-Jpa, MySQL), Kotlin Server, React, Node (Express), REST Services.

### Endava - Senior Developer – 06/2021 - 08/2024

**Project:** REI / Customer and Local Services [www.rei.com](http://www.rei.com)

USA online retail store and with fiscal stores around the whole USA.

**Role:** Senior Developer, Senior Front End Developer. - [Endava](#)

**ENVIRONMENT:** Java (Spring- Crampon), Kotlin Server, Vue 2 (Optional API, Cedar Libraries), Vue 3 (Vue Route, Composition API, Mixins, Vuex, Pinia, Slots, Transitions, Components life cycle) – Axe DevTools for accessibility, Jenkins, Git.

### Number 8 - Software Consultant – 03/2021 - 06/2021

**Project:** emeals

**Role:** Software Consultant. - [https://www.emeals.com/](http://www.emeals.com/)

USA start up company dedicated to provide carried services for users in the USA.

**ENVIRONMENT:** NodeJs, Express, React 16, JSON REST Services, AWS - EC2, Amazon Simple Queue Service, Lambda Functions, S3, Dinamo Service. System using Serverless Architecture.

### Adjust - Software Engineer – 12/2020 - 04/2021

**Project:** Adjust

**Role:** Software Engineer. - [https://www.adjust.com/](http://www.adjust.com/)

The Marketing German company provides statistics and data recording for ads in the mobiles.

**ENVIRONMENT:** ReactJs, AngularJs, JSON REST Services, GitHub pipelines, npm packages.

### Enterprisesoft - Medellin's town hall – 03/2019 - 11/2020

**Project:** AIR Sensor

**Role:** Software Consultant. - [https://www.medellin.gov.co/](http://www.medellin.gov.co/)

Medellin's town hall manages the information of the Medellin City. The Project is responsible to record and **find** the problems of the city related to the air state. Define Cloud technologies for cost-saving and fast development according to my judgment and experience, implement TDD.

**ENVIRONMENT:** React 16+ (Route, Facebook-Flux Jest), ExpressJs, HTML with WebSockets, JavaScript, CSS, Bootstrap, **Java 11**, JSON REST Services, Amazon Web Services –VPC (Networks – EIP), EC2, Amazon Simple Queue Service, Lambda Functions, S3, RDB Service.

### PSL Productora de Software S.A. – 02/2017 - 06/2018

**Project:** GTL – Team 2 - <http://www.gtl.net/>

**Role:** FullStack Developer, **12 months. International (located U.S.A. – Reston, Virginia - Altoona, PA).** English native customer, I work as a FullStack developer. Using SCRUM

## Contact

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<https://mgallegoa.github.io/>

## Networks

<https://www.youtube.com/@mgallegoarias>

[www.linkedin.com/in/manuel-fernando-gallego-arias](https://www.linkedin.com/in/manuel-fernando-gallego-arias)

<https://github.com/mgallegoa>

<https://hub.docker.com/u/manuelarias>

## Certifications

**1)** SAA-C01 AWS Solutions Architect - Associate - **2019**.

**2)** 1Z0-147 Program with PL/SQL - **2011**.

**3)** OCA: Oracle Certified Associate 1Z0-007 Introduction to Oracle 9i - **2010**.

**4)** SCJP SE 1.6: Sun Certified Programmer for the Java Platform, SE 6 - **2010**.

**5)** Reactive Architecture(1): Introduction to Reactive Systems - **2020**.

**6)** Reactive Architecture(2): Domain Driven Design - **2020**.

**7)** Reactive Architecture(3): Reactive Microservices -**2020**.

**8)** Reactive Architecture(4): Building Scalable Systems - **2020**.

**9)** Reactive Architecture(5): Distributed Messaging Patterns - **2020**.

methodology. Developing business requirements, create new SOAP Services, create news integration with ESB Mulesoft, deploy on customers servers, fix issues in server configurations. Increasing productivity from 55 history points to 70.

**ENVIRONMENT:** HTML, dw, JSP, Java Script, JQuery, CSS, Hibernate ORM, **Java 1.8**, SOAP Services, ESB MuleSoft Community, Jenkins, Git, Jira, Crucible, Configuring and deploy on Windows Server 2012 Eclipse IDE, Debugging in Chrome, Debugging in Eclipse IDE.

#### **Project: FEEDBACK (Internal Project)**

**Role:** FullStack Developer, Internal project, 10 months. - <https://www.pslcorp.com/>

Creating a mobile app for request feedback between co-workers or customers or SCRUM masters or directives involved in the different projects of the company, allows to get better communications.

**ENVIRONMENT:** HTML with WebSockets, **Kotlin**, Java 1.8, GitLab, Jenkins, Docker.

#### **Project: MUTUAL SER EPS - <https://www.pslcorp.com/>**

**Role:** FullStack Developer, local project, 5 months.

Refactoring the core business legacy system of Mutual SER EPS. Applying the best practices for development and CI/CD. Using the SCRUM methodology for managing the project. I work as a front-end developer using TDD.

**ENVIRONMENT:** **Java 1.8, REST Services, Angular 1, Typescript**, NPM, less, JQuery, GitLab, Bamboo, Docker, Jasmine (for unit test and high quality), IntelliJ IDEA, Debugging in Chrome and IntelliJ.

#### **Enlace Operativo change name to ARUS SA - Computedes – 03/2013 to 02/2015 - 02/2015 to 02/2016**

**Project:** SuAporte - “PLATAFORMA MULTIOOPERADOR PARA EL PAGO DE PILA”

**Role:** SOFTWARE ARCHITECT - INTEGRATION APPLICATION ANALYST. 35 months.

A nationwide system of big magnitude and information flow, whose objective is the collection of Social Security payments for dependent and independent companies. Team leader and interact with different stakeholders. From N Layers architecture to distributed architecture, working with passion in this re-factoring over the core business functionality from 45 minutes to 7 minutes.

**ENVIRONMENT:** JavaEE 1.6 and 1.7, **JavaFaces 1.1**, JQuery, CSS, DOM - Forms and fields Management, AJAX Request, IReports, BPM Drools Expert 5.1, PL/SQL, REST Services, JMS Queues, JavaRx, Eclipse (3.7 - 4.4 - 4.5), JBoss Server, 5.0, JBoss Drools Expert 5.1, Oracle 10g, ActiveMQ, BoneCP, Jersey for JSON mapping, CassandraBD, SVN, Git, Debugging.

#### **MVM Ingeniería de Software S.A. – 02/2012 - 02/2013**

**Project:** “GTC – Gestor de Trabajos de Campo”

**Role:** TECHNOLOGY SPECIALIST <http://www.mvm.com.co/> . 12 months.

Project for scheduling appointments with clients for the company UNE Telecommunications. This project was presented by the company to obtain the CMMI Level 5 assessment, and get the goal. Development team leader. UML modeling, code uses cases architectural significant, development of new requirements, unit tests.

**ENVIRONMENT:** **C Sharp**, Spring Framework, ODT, Oracle, RIA Services, **Microsoft WCF** (Integration with Biztalk Server like Enterprise Service Bus), PL/SQL, Microsoft Visual Studio 2010, Silverlight 5, Telerik for Silverlight, N Layered Architecture, MVVM

#### **Axede S.A. – 07/2009 - 02/2012**

**Project:** Data Extraction UNE

**Role:** DEVELOPER ENGINEER. 31 months.

At the beginning I started re-engineering the production system, the old one had not defined architecture. I define the vision and propose the best solutions for those problems. After this re-engineering the system working in the production environment was 300% faster and the best code standards, using design patterns and doing the best use of OOP.

**ENVIRONMENT:** **Java 1.5, Oracle 9i and 10g.**, Eclipse (Europa 3,3,0 - Ganime) Java 1,5, Oracle 10g, SVN.

#### **AVANSOFT S.A. 10/2007 - 07/2009**

**Project:** “SOI - Sistema Operador de Información”

**Role:** Analyst and Developer Engineer. 22 months.

A nationwide system of big magnitude (75 % of the nation pay for this platform) and information flow, whose objective is the collection of Social Security payments for dependent and independent companies. Solving bugs, development of new requirements, social security business, unit tests. High-performance team (20 engineers). Referential architecture, n layers.

**ENVIRONMENT:** Pragma base Object, Templates HTML, JSP, **Java Servlets, JEE**, Oracle 9i and 10g., Eclipse (Europa 3,3,0 - Ganymede), Tomcat 4,1, Java 1,4, Oracle 9i, Oracle 10g, CVS.

## **FORMAL STUDIES**

- **Specialist in Project Manager - Postgraduate Diploma (PGDip)**

“UNIMINUTO / Bello / Antioquia / Colombia” - **Mar 2012**

- **System Engineer - Bachelor of Science in Computer Science**

“Universidad Católica de Oriente / Rionegro / Antioquia / Colombia” - **Nov 2007**<sup>1</sup>

<sup>1</sup> Note: Because your time is important this is a short resume, request for a detailed resume for more information.