

# Daniel Fernando Rodríguez Palacios

Electronic Engineer with experience in web and software development, data bases and QA.

daniel.rodriguez.p@gmail.com  
+57 3012468423  
Bogotá, Colombia  
[daniel707.github.io/resume](https://daniel707.github.io/resume)

## WORK EXPERIENCE

### Freelancer (Web Developer)

2023 – Present

Bogotá, Colombia

I developed different websites such as an E-commerce, a News Aggregator, and my resume using **React.js** library, **JavaScript**, **Redux** for state management, and **TypeScript** and **SCSS** languages.

The E-commerce has an interface for browsing products, a cart for adding items, and a payment form, also it integrates user authentication via email and password or Google sign-in.

The News Aggregator displays a list of news articles with pagination. Each post features a title, URL, description, a like and comments buttons with their corresponding number and a modal to add and display comments. Users can create, edit, and delete posts. The site also, with a role-based system that enables liking, commenting, and other actions on posts. Furthermore, I integrated APIs to include additional news column and graphic. Finally, I implemented unit tests using **JEST** and **React Testing Library**.

### Software Engineer

National Administrative Department of Statistics (DANE)

January - December 2019

Bogotá, Colombia

Responsible for leading the development of the web application used to manage and track the approval and publication process of DANE's investigations. The application was developed in **Python**, **JavaScript** and **Django** framework. In charge of the entire development process, gathering user requirements, backend development, coordinating with frontend designers, and implementing the application.

### QA Analyst

Rio 2016 - Olympic and Paralympic Games Organizing Committee

October 2015 - August 2016

Río de Janeiro, Brasil

Planning, management and execution of the testing process of the results system for the Olympic Games. Supervision of the results team, performing quality control of the information sent to the public and clients during the live broadcasts of the Olympic Games. Ensuring that the requirements demanded by Rio 2016's main clients, such as the International Olympic Committee, the International Federation, and the Olympic Broadcast Services, were satisfactorily fulfilled.

## CERTIFICATIONS

### React Developer

(Context, Redux, TypeScript, SCSS, JEST and React testing library)

Udemy (Zero to Master Academy)  
2023

### JavaScript Web Developer

Udemy (Zero to Master Academy)  
2023

### Python Developer

Udemy (Zero to Master Academy)  
2023

### Python and Django FullStack Web Developer

Udemy  
2023

## LANGUAGES

Spanish: Native  
English: TOEFL B2  
Portugués: Intermediate  
French: Basic

## EDUCATION

Electronic Engineer  
Javeriana University

## **Software Developer**

Project Builder

September 2014 - September 2015

Río de Janeiro, Brasil

Development and maintenance of a project management software, using ASP, Visual Basic, **Grails** Framework, and **Groovy**. Developed new functionalities, integrated with other applications using **RESTful** architecture, implemented customizations required by the client, and improved software performance. Projects were developed using the agile **SCRUM** methodology.

## **Test Engineer**

Centling Technologies (Alcatel-Lucent)

April 2013 - October 2013

Qingdao, China

Analysis and execution of regression cases for the HSS entity of the IMS architecture with Alcatel-Lucent 3G technology.

## **Software Engineer**

Mind de Colombia

September 2012 - February 2013

Bogotá, Colombia

In charge of developing and debugging code for multiple clients' ERP using Eclipse and JavaScript. The scripts were loaded and used on the cloud-based business software, NetSuite.

## **Software Developer**

Start&IT

January 2012 - June 2012

Bogotá, Colombia

Development of specialized software for managing, uploading and searching videos for the prosecutor's office using .NET Framework 4.0, C# and MS SQL Server, participating in all phases of the software development process including database modeling, implementation of web services, design standard (MVC2) and release to production.

## **Data Manager Trainee**

IBM

February 2011 - August 2011

Bogotá, Colombia

Management of DB/2 databases in Linux, AIX and Windows. Version upgrades, database migration, backup and recovery, performance monitoring and tuning.