

Daniel Fernando Rodríguez Palacios

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

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WORK EXPERIENCE

Freelancer (Web Developer)

2023 – Present

Bogotá, Colombia

I developed a News Aggregator website using the **React.js** library, with **Redux** for state management and **TypeScript** and **SCSS** supersets. The website 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 integrates user authentication via email and password or Google sign-in, with a role-based system that enables liking, commenting, and other actions on posts. Furthermore, I integrated APIs to include additional news columns and graphics. 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.