Currículum Vítae

PERSONAL INFORMATION

Hugo Cruz de la Torre

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Date of birth 29/04/1990

Nationality cubana

Marital Status: married

PROFESSIONAL EXPERIENCE

2023

From November to present, I was working for the company IBERIA in the development and maintenance of the TAM module of the Pax & Bags application using the following technologies:

- React 18 + Nestjs(CQRS) + Typescript + Tailwind CSS, Formik, Tanstack/React-Query, GraphQL + Cypress + Docker + Kafka + AWS.

Roll: Frontend Programmer.

From mid-February 2023 to October, I was working for the company SVD in your e-commerce Sivasdescalzo, in the improvement and update of their website, using the following technologies:

- Next.js 12/13 as base framework + Typescript + Tailwind CSS, Formik, React-Cookie, GraphQL(Apollo Client – Graph Codegen) for layout and data requests to the backend, and Cypress for the testing.

Roll: Frontend Programmer.

From mid-April to July 11th I worked as a freelancer for Institutional Investment Group (2IG), in the improvement and update of the Aviato software, using the following technologies:

- Next.js 12 as base framework + Typescript + Chakra UI, Apollo GraphQL for the frontend and Nodejs + TypeORM, Express, PostgreSQL, Jsonwebtoken, AWS-SDK and more for the backend.

Roll: Programmer Full Stack.

Since August 2022 to February 2023 I was working for SITA AirCraft as a developer on the Mission Control web/mobile application for flight control at airports and in airplanes, using the following technologies:

- React 16 as base library + Typescript + Graph API with Microsoft Teams, and Node.js + Express + MongoDB, for backend work and database management and Material UI, HTML5 and CSS 3 for frontend design and layout.

Roll: Programmer Full Stack.

2022

From January to May I worked for the company ACHS, ACL's client, in the development of a web site/app Digital Admission for the Chilean health system, using the following technologies:

- React 16 as base library, Node.js + Typescript + Express + Sequelize, Nest.js and .Net Core 6 for backend work and database management and Material UI, HTML5 and CSS 3 for frontend design and layout.

Roll: Programador full stack.

From the end of May to August I worked on the PreconZ project, a client of ACL, in the development of a web/mobile application for the control of projects and users using the following technologies:

- React 18 as base library + Typescript. Material UI, HTML5 and CSS 3 for the frontend design and layout and Firebase (Auth, Firestore, Storage, Realtime Database), for the backend work and database management. In addition to the HubSpot platform for user and customer account management.

Roll: Programmer full stack.

January 2021

Full-stack Programmer for the Chilean company ACL.

From January to April, development and maintenance of the Transport-Administration web site for the use of geofences using the following technologies:

- Angular 11 como framework, Firebase como backend para la gestión de la base de datos y Material-UI, HTML5 y CSS 3 para el diseño y maqueteado del frontend.

Roll: Programmer Full Stack.

From April to December in the development of the web site/app Portal de Coordinacion Salud Común for the Chilean health system, using the following technologies:

- React 16 as base library, Node.js + Express + Sequelize for backend work and database management and Material, HTML5 and CSS 3 for frontend design and layout.

Roll: Backend programmer and frontend support.

June - July I worked on the update and optimization of the Growing Brilliant website for the company NTSprint using the following technologies:

- WordPress **5.7**

Roll: Programmer / Designer.

2020

From March to August, full-stack freelancer programmer in the development and maintenance of the (Swiss) Autovenn website, using the following technologies:

- Angular 9 as framework, Express + MongoDB as backend for database management and Bootstrap 4, HTML5 and CSS 3 for frontend design and layout.

Roll: Programmer / Designer.

From August to December full-stack freelancer programmer in the development of the Mealdeals app(swiss) using the following technologies:

- Ionic-Angular as framework, Express + MongoDB as backend for database management and Bootstrap 4, HTML5 and CSS 3 for frontend design and layout. In addition to using Android Studio for emulation and testing.

Roll: Programmer / Designer.

2019 – 2020

From December 2019 to February 2020 full-stack freelancer programmer in the development and maintenance of the website(Swiss) Marketplace Boilerplate using the following technologies:

- Angular 8 and 9 as framework, Express + MongoDB as backend for database management and Bootstrap 4, HTML5 and CSS 3 for frontend design and layout.

Roll: Programmer / Designer.

2018 – 2019

From January 2028 to November 2019 Freelancer full-stack programmer for NTSprint.

CTI (Computer Telephony Integration), a web application developed with the following technologies:

-Asp.Net MVC 5 as framework, C# as programming language using Razor syntax, Websocket as protocol for the Signalr library, SQL Server for database management, and GoJs, HTML5 and CSS 3 for layout and design of the application.

Roll: Programmer / Designer.

2017 – 2020:

From September 2017 to November 2020 Software developer in the applications department of the company Tecnomática, Havana, Cuba.

Maintenance and improvement of the Fixed Assets Module of the SISCONT 5 desktop application, using the following technologies:

- Genexus 10 as programming language (generating code to C#), Ignia/HTML as package for design and layout and SQL Server to manage the database.

Encryption Algorithm to export/import XML to the General Module/SISCONT 5 using the following technologies:

- Microsoft.NET 3.5 as framework and C# as programming language.

Web development of the Purchasing/SISCONT 5 Module using the following technologies:

- Genexus 15 as programming language (generating code to C#), Ignia/HTML as package for design and layout and SQL Server to manage the database.

SISCONT 6 web development

- Angular 7 as development framework with Bootstrap added for frontend design and layout and SQL Server as backend to manage the database.

Roll: Programmer / Designer.

2014 – 2017:

Software Developer in the Computer Science Department, Faculty of Computer Science, University of Holguin, Cuba.

Web application for Human Resources control using the following technologies:

- Asp.Net 3.5 Web Forms as framework, C# as programming language, Oracle DB as database management system.

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Web application for the detection and treatment of Taxia, where I use the following technologies:

- Asp.Net 3.5 MVC as framework, C# as programming language, Oracle DB as database management system and jQuery to dynamize and optimize the design.

Roll: Programmer.

EDUCATION AND
TRAINING

2009-2014   **Bachelor's Degree in Computer Science**
University of Oriente, Santiago de Cuba, Cuba

SKILLS ACQUIRED

Programming Languages:
C/C++/C#, PHP, SQL, JavaScript/TypeScript, Genexus,Java

Frameworks:
Asp.Net, Ignia, Bootstrap,Material, Angular, Vite(React), Ionic, Express, Strapi.js, Total, Symfony, Nest.js., Vue.Js, Next.Js, WordPress, Swagger, React Native, React

Other :
HTML, CSS, Git, GitLab, Bitbucked, AzureDevops, JQuery, Razor, Blazor, SQL Server, Sprint Boot, MongoDB, FireBase, MySQL, Sequelize, Postgres, Jira, Jest, Docker, Docker-Compose, Kubernetes, Cassandra DB, SQLite, Cypress, GraphQL, CQRS, Kafka

PERSONAL SKILLS

Spanish
Native language

Other languages

UNDERSTAND		SPEAK		WRITTEN EXPRESSION
Listening comprehension	Reading comprehension	Oral interaction	Oral expression	
English				
B2	C2	B2	C2	C2

ADDITIONAL INFORMATION

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Conferences

Conference on applied mathematics, University of Holguin, Holguin, Cuba, May 2015.
Lecture on the relationship between mathematics and programming, University of Holguin, Holguin, Cuba, October 2015.
Conference on the need to learn to program, University of Holguin, Holguin, Cuba, April 2016.
International Fair of Technologies, Havana, Cuba, October 2018.
Informática 2019, Santiago de Cuba, Cuba, May 2019.

Courses

Course on web application development using Symfony, Universidad de Oriente, Santiago de Cuba, Cuba.
Management Course, University of Holguin, Holguin, Cuba.
Course on Probability and Statistics, University of Holguin, Holguin, Cuba.
Course on Mathematics applied to Economics, University of Holguin, Holguin, Cuba.
Course on Higher Didactics, University of Holguin, Holguin, Cuba.
Course on Linear Programming, University of Holguin, Holguin, Cuba.
Course on SQL Server 2016 Database, Desoft, Havana, Cuba.
Course on mobile application philosophy, Tecnomática, Havana, Cuba.
Course on Genexus 2015, Tecnomática, Havana, Cuba.
Course on Mobile Apps 2016, Genexus, Tecnomática, Havana, Cuba.
Course on Web Design 2016, Ignia-Genexus, Tecnomática, Havana, Cuba.
Course on UI/UX 2016, Universidad de Ciencias Informáticas, Havana, Cuba.
Genexus 2016 course, Tecnomática, Havana, Cuba.
Node.JS course 2017, Universidad de Ciencias Informáticas, Havana, Cuba.
React.JS course 2017, Universidad de Ciencias Informáticas, Havana, Cuba.
Angular 7 course 2017, Tecnomática, Havana, Cuba.
MongoDB course 2018, Universidad de Ciencias Informáticas, Havana, Cuba.
Udemy: Docker Fundamentals: Images and Containers 2020.
Udemy: ReactJs Hooks + API Rest with C# + Material UI,2021
Udemy: Master Class: React + Typescript Web Development 2021
Appdelante: Instagram Clone, React 18, (Hooks + React Router v6) 2022
Introduction to Front-End Development, Meta, Coursera 2023
React Query Official Course, UI.dev, 2023