

# ANÍBAL SÁNCHEZ NUMA

PERSONAL INFO	
Nationality:	Cuban
Sex:	Male
Date of Birth:	27/02/1985
Phone Number:	(+53)63866129
Email Address:	<a href="mailto:anibalnuma@gmail.com">anibalnuma@gmail.com</a>
LinkedIn profile:	<a href="https://www.linkedin.com/in/anibal-sanchez-numa/">https://www.linkedin.com/in/anibal-sanchez-numa/</a>
Github profile:	<a href="https://github.com/xero-q">https://github.com/xero-q</a>
Website:	<a href="https://www.anibalnuma.com">https://www.anibalnuma.com</a>
ACADEMIC FORMATION	
<b>Computer Engineer</b>	University of Ciego de Ávila, Cuba, (GPA: 4.60/5, 2004-2006 and 2009-2012) Thesis entitled: <i>Ext FG: framework for self-generation of interfaces and codes necessary to manipulate a data base (PHP)</i>
<b>Master in Applied Computer Science</b>	University of Ciego de Ávila, Cuba (2013-2014, best graduate) Thesis entitled: <i>System for Energy Control in Hotels (Python)</i>
<b>Ph.D. student in Computational Mechanics</b>	Central University of Las Villas, Cuba (2018-2020)

## **PROFESSIONAL EXPERIENCE**

### **1. ISU Corp (November 2025 – Now)**

**Role:** Full Stack Developer

**Project:** Mobilive

#### **Responsabilities:**

- Implemented functionalities on the frontend (TypeScript)
- Implemented functionalities on the backend (TypeScript)
- Integrated backend with third-party API (TypeScript)
- Implemented CI/CD using Github Actions

#### **Environment description:**

- **Technologies:** Vue.js, NestJS, Express, Directus, Docker
- **Programming Languages:** JavaScript, TypeScript
- **Tools:** Vscode
- **Server:** MySQL
- **Cloud:** AWS, Digital Ocean

### **2. EzPraxis (Jun 2025 – October 2025)**

**Role:** Software Engineer

**Project:** Management system for health centers

#### **Responsabilities:**

- Implemented functionalities on the backend (C#)
- Implemented functionalities on the frontend (TypeScript)
- Implemented from scratch video calls using Amazon Chime SDK
- Implemented unit tests on the frontend and the backend (C#, TypeScript)

#### **Environment description:**

- **Technologies:** Angular, ASP.NET Core, Bootstrap, Tailwind, xUnit, Jest
- **Programming Languages:** TypeScript, C#
- **Tools:** Vscode, Jetbrains Rider
- **Server:** MSSQL
- **Cloud:** AWS Cognito, AWS Chime SDK

### **3. Independent software developer (Apr 2025 – May 2025)**

**Project:** Management system for invoices

#### **Responsabilities:**

- Implemented the frontend code (TypeScript)
- Implemented unit tests on the frontend

**Environment description:**

- **Technologies:** Next.js, FastAPI, Jest, PyTest
- **Programming Languages:** TypeScript, Python
- **Tools:** Vscode
- **Server:** PostgreSQL

**Project:** Online store (ZonaBiker)

**Responsabilities:**

- Implemented the backend code (TypeScript)
- Implemented the frontend code (TypeScript)
- Implemented unit tests on the frontend and the backend (TypeScript)

**Environment description:**

- **Technologies:** Angular, NestJS, Angular Material, Docker, xUnit
- **Programming Languages:** TypeScript
- **Tools:** Vscode
- **Server:** MySQL

**Project:** Online store (Bianka)

**Responsabilities:**

- Implemented the backend code (TypeScript)
- Implemented the frontend code (TypeScript)
- Implemented unit tests on the frontend and the backend (TypeScript)

**Environment description:**

- **Technologies:** Angular, NestJS, Angular Material, Docker, xUnit
- **Programming Languages:** TypeScript
- **Tools:** Vscode
- **Server:** MySQL

**4. Doce Leguas S.L. (Nov 2024 – Mar 2025)**

**Role:** Senior Software Engineer

**Project:** PlanFlow (it allows to manage a Trello account adding integration with Gemini AI)

**Responsabilities:**

- Implemented the frontend code
- Implemented the UI/UX

**Environment description:**

- **Technologies:** Angular, Jasmine
- **Programming Languages:** TypeScript
- **Tools:** Vscode

**Project:** LLMs Studio

**Responsibilities:**

- Implemented the backend code
- Implemented the frontend code

**Environment description:**

- **Technologies:** LangChain, Django, Angular, TailwindCSS
- **Programming Languages:** Python, TypeScript
- **Tools:** Vscode
- **Server:** PostgreSQL

**Project:** OpenBravo ERP

**Responsibilities**

- Implemented unit tests for the frontend
- Implemented e2e tests for the frontend

**Environment description:**

- **Technologies:** React.js, Jest, Cypress
- **Programming Languages:** JavaScript, Java
- **Tools:** Vscode
- **Server:** PostgreSQL

**5. Independent software developer (Feb 2024 - Oct 2024)**

**Project:** Web app for managing rentals.

**Responsibilities**

- Implemented the backend code (C#)
- Implemented frontend design and code (TypeScript, CSS)
- Implemented unit tests for the frontend (TypeScript)
- Implemented integration tests for the backend (C#)

- Implemented e2e tests for the frontend (JavaScript)

#### **Environment description:**

- **Technologies:** Angular, ASP.NET Core, Jest, Cypress, xUnit
- **Programming Languages:** TypeScript, C#
- **Tools:** VSCode, Jetbrains Rider
- **Server:** MSSQL
- **Methodology:** Scrum

#### 6. DSpot Sp. z o.o (Oct 2021 - Jan 2024)

**Role:** Full Stack Developer

**Project:** Findr

**Description:** Web based application that allows a company to find other companies that match according to defined criteria.

#### **Responsibilities:**

- Solved some issues in the frontend (JavaScript)
- Implemented new components in the frontend based on Figma design (TypeScript, CSS)
- Implemented unit tests using Jest in the frontend (TypeScript)
- Improved the architecture of the application
- Performed code review (Javascript)
- Utilized Angular and Django frameworks

#### **Environment description:**

- **Technologies:** React.js, Nest.js, Jest
- **Programming Languages:** JavaScript, TypeScript
- **Tools:** Vscode
- **Server:** DynamoDB, MySQL, AWS
- **Methodology:** Scrum

**Project:** Lanetalk (Web Admin, Live Scoring, Tickets portal)

**Description:** Lanetalk is a company that manages bowling centers around the world. They have several webs and apps for managing all their processes.

#### **Responsibilities:**

- Implemented new components in the Web Admin (JavaScript)
- Solved some issues in the Live Scoring (JavaScript)
- Implemented completely the Tickets portal (created React.js components and services, JavaScript)
- Implemented unit tests with Jest in the Web Admin (JavaScript)
- Implemented e2e tests with Cypress in the Web Admin (JavaScript)
- Implemented new components based on Figma design (JavaScript)
- Performed code review (JavaScript, PHP)

- Utilized React.js library
- Utilized Laravel framework

**Project:** MIPs

**Responsibilities:**

- Implemented new components on the frontend (TypeScript)
- Solved some issues on the frontend (TypeScript)

**Environment description:**

- **Technologies:** Angular, Nest.js, Jest, Cypress
- **Programming Languages:** TypeScript
- **Tools:** Vscode
- **Server:** MySQL
- **Methodology:** Scrum

**Project:** OpsTalent website

**Description:** Company that outsources talent in Software Development.

**Responsibilities:**

- Implemented new components in the frontend (JavaScript)
- Implemented new views based on Figma design (JavaScript, CSS)
- Created services and custom hooks in the frontend (JavaScript)
- Connected frontend to backend's GraphQL API (JavaScript)
- Implemented advanced animations using Gsap library (JavaScript)
- Performed code review (JavaScript)
- Utilized Next.js framework

**Environment description:**

- **Technologies:** Next.js, Gsap
- **Programming Languages:** JavaScript
- **Tools:** Vscode
- **Server:** Strapi, MySQL
- **Methodology:** Scrum

**Project:** AfriMed company landing page

**Description:** Startup for helping people in Africa to be attended by a doctor.

**Responsibilities:**

- Implemented new components in the frontend (JavaScript)
- Implemented new views based on Figma design (JavaScript, CSS)
- Improved code cleanliness and efficiency
- Performed code review
- Utilized Gatsby framework

**Environment description:**

- **Technologies:** Gatsby
- **Programming Languages:** JavaScript
- **Tools:** Vscode
- **Methodology:** Scrum

**Project:** Dspot company website

**Description:** This is the website of the company Dspot.

**Responsibilities:**

- Implemented new components in the frontend (JavaScript)
- Performed refactorizations for improving the arquitecture of the frontend
- Performed code review (JavaScript)
- Utilized Next.js framework
- Utilized Django framework

**Environment description:**

- **Technologies:** Next.js
- **Programming Languages:** TypeScript, Python
- **Tools:** Vscode
- **Server:** MySQL
- **Methodology:** Scrum

**Project:** Dstaff

**Description:** Web app for managing employees profiles in a company.

**Responsibilities:**

- Implemented new features in the frontend (JavaScript)
- Implemented new views (JavaScript, CSS)
- Implemented unit tests in the frontend and the backend (JavaScript, TypeScript)
- Implemented RESTful endpoints (TypeScript)
- Implemented e2e tests using Cypress in the frontend (JavaScript)
- Performed refactorizations for improving the arquitecture of the frontend and the backend (JavaScript, TypeScript)
- Performed code review (JavaScript, TypeScript)
- Utilized React.js library
- Utilized Nest.js framework

**Environment description:**

- **Technologies:** React.js, Nest.js, Cypress, Jest, PyTest
- **Programming Languages:** TypeScript, Python
- **Tools:** Vscode
- **Server:** MySQL, Google Cloud Platform

- **Methodology:** Scrum

## 7. Independent software developer (2019 – 2021)

**Role:** Full Stack Developer

**Project:** MyRFP

**Description:** Web app for managing RFPs (request for proposals)

### **Responsibilities:**

- Implemented completely the app (TypeScript, C#)
- Implemented all the features in the frontend (TypeScript)
- Implemented the views and components (TypeScript, CSS)
- Implemented unit tests using Jest in the frontend and the backend (JavaScript, C#)
- Performed code review (TypeScript, C#)
- Implemented RESTful endpoints (C#)
- Utilized Angular framework
- Utilized ASP.NET Core framework

### **Environment description:**

- **Technologies:** Angular, ASP.NET Core, Cypress, xUnit
- **Programming Languages:** TypeScript, C#
- **Tools:** Vscode, Jetbrains Rider
- **Server:** MySQL
- **Methodology:** Scrum

**Project:** Master Leads Viewer

**Description:** Web app for managing Master Leads.

### **Responsibilities:**

- Implemented completely the app (TypeScript, C#)
- Implemented all the features in the frontend (TypeScript)
- Implemented the views and components (TypeScript, CSS)
- Implemented unit tests using Jest in the frontend and the backend (JavaScript, C#)
- Implemented RESTful endpoints (C#)
- Performed code review (TypeScript, C#)
- Utilized Angular framework
- Utilized ASP.NET Core framework

### **Environment description:**

- **Technologies:** Angular, ASP.NET Core, Jest, xUnit
- **Programming Languages:** TypeScript, C#
- **Tools:** Vscode
- **Server:** PostgreSQL
- **Methodology:** Scrum

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## **8. University of Ciego de Avila (2015-2018)**

**Role:** Professor and Researcher

**Project:** Management system for an IT workshop.

**Responsibilities:**

- Designed UI/UX.
- Implemented the code (Python)
- Designed the database

**Environment description:**

- **Technologies:** Web2Py
- **Programming languages:** Python, JavaScript
- **Server:** MySQL

**Project:** Predicting parameters on Discrete Element Method

**Responsibilities:**

- Generated data through several thousands of simulations.
- Processed the data using Python
- Developed a regression model using scikit-learn library

**Environment description:**

- **Technologies:** Jade, Anaconda, NumPy, Pandas, Matplotlib, scikit-learn
- **Programming languages:** Python
- **Tools:** PyCharm

## **9. University of Ciego de Avila (2009-2015)**

**Role:** Software Developer

**Project:** Management system for library documents

**Responsibilities:**

- Designed UI/UX.
- Implemented the code (PHP)
- Designed the database

**Environment description:**

- **Technologies:** Symfony
- **Programming languages:** PHP, JavaScript
- **Server:** MySQL

**Project:** System for energy control in hotels

**Responsibilities:**

- Designed UI/UX.
- Implemented the code (Python)
- Designed the database

**Environment description:**

- **Technologies:** Web2Py
- **Programming languages:** Python, JavaScript
- **Server:** MySQL

**Project:** Framework for scaffolding UIs for managing a relational database

**Responsibilities:**

- Designed UI/UX.
- Implemented the code (PHP)

**Environment description:**

- **Technologies:** Symfony, ExtJS
- **Programming languages:** PHP, JavaScript
- **Server:** MySQL, PostgreSQL

**Project:** LAN File Searcher

**Responsibilities:**

- Designed UI/UX.
- Implemented the code (C#)
- Designed the database

**Environment description:**

- **Technologies:** ASP.NET
- **Programming languages:** C#
- **Server:** MSSQL

## PROFESSIONAL SKILLS

- **Programming languages:** Javascript, TypeScript, Python, C#, Rust, SQL
- **Technologies:** NgRx, RxJs, Angular Universal, PrimeNg, Angular Material, Material UI, TailwindCSS, React, Redux, Docker, SASS, jQuery, GraphQL, Entity Framework
- **Web applications development:** Angular, React.js, Vue.js, Next.js, Gatsby, Django, ASP.NET Core, NestJS
- **AI:** Machine Learning, LLMs, MCPs
- **E2e testing:** Cypress
- **Unit testing:** Jest, Jasmine, PyTest, xUnit
- **Version control systems:** Git
- **Packets manager:** Npm, Yarn, Pip, Poetry, Nuget
- **IDEs:** Webstorm, VSCode, Jupyter, Colab, Rider
- **Background Job Processing:** Hangfire, Celery
- **Database Management Systems:** MySQL(MariaDB), PostgreSQL, SQLite, SQL Server, MongoDB, Redis
- **Linux** (Ubuntu, Kubuntu)

## CERTIFICATIONS AND COURSES

May 18th, 2025

[Python \(Basic\)](#)

May 16th, 2025

[SQL \(Advanced\)](#)

May 16th, 2025

[SQL \(Intermediate\)](#)

December 7th, 2023

[EF SET English Certificate 69/100 \(C1 Advanced\)](#)

Advanced React for Enterprise: React for senior engineers

December 14th, 2023

(<https://www.udemy.com/certificate/UC-57e9f70d-1cbc-4b43-a3a1-a3e4ee0540d0/>)

Advanced React

September 2<sup>nd</sup>, 2023

(<https://www.coursera.org/account/accomplishments/certificate/NGM4CMMHBEFN>)

Next.js & React – The Complete Guide

October 6<sup>th</sup>, 2021 (<https://www.udemy.com/certificate/UC-48964cd6-7018-43a4-8569-8612ff9f579f/>)

Angular Intermediate

April 6<sup>th</sup>, 2021 (<https://www.hackerrank.com/certificates/62615ac44828>)

Angular Basic

April 5<sup>th</sup>, 2021 (<https://www.hackerrank.com/certificates/22197f798390>)

## LANGUAGE SKILLS

**Spanish:** Mother tongue

**English:** C1

**French:** B1

**Russian:** A1

## ACKNOWLEDGMENTS

2017 | National Prize of the Academy of Sciences of Cuba

2001 | 1st place on Provincial Contest of Orthography for high school teaching, Ciego de Ávila, Cuba

2000 | Bronze Medal on National Contest of Mathematics (6<sup>th</sup> time in a row) for high school teaching, Cuba (integrates national preselection of Mathematics)

1999 | 1st place on Municipal Contest of Chemistry for high school teaching, Ciego de Ávila, Cuba

## SOCIETIES AND ROLES

From - Until	Role
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2016 - 2020	Member of the research group "Numeric Methods in Engineering" (University of Ciego de Ávila)
2013 - 2014	ACM-ICPC contests trainer (University of Ciego de Ávila)
2004 - 2005	Member of the research group "Digital Signals Processing" (University of Ciego de Ávila)