

# ANÍBAL SÁNCHEZ NUMA

PERSONAL INFO	
<b>Nationality:</b>	Cuban
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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, <i>best graduate</i> ) 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 (Monorepo with Microservices architecture)

**Responsibilities:**

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

**Environment description:**

- **Technologies:** Vue.js, NestJS, Express, Directus, Docker, BullMQ, Stripe, Twilio, SendGrid
- **Programming Languages:** JavaScript, TypeScript
- **Tools:** Vscode
- **Server:** MySQL, Redis
- **Cloud:** AWS RDS, Digital Ocean, Cloudflare R2

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

**Role:** Software Engineer

**Project:** Management system for health centers

**Responsibilities:**

- 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

**Responsibilities:**

- 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)

**Responsibilities:**

- 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)

**Responsibilities:**

- 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)

**Responsibilities:**

- Implemented the frontend code
- Implemented the UI/UX

**Environment description:**

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

**Project:** LLMs Studio

**Responsibilities:**

- Implemented the backend code
- Implemented the frontend code

**Environment description:**

- **Technologies:** LangChain, Django, Angular, TailwindCSS
- **Programming Languages:** Python, TypeScript
- **Tools:** Vscod
- **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:** Vscod
- **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 architecture 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 architecture 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, Bash
- **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
- **Packages 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)