

ANÍBAL SÁNCHEZ NUMA

| PERSONAL INFO | |
|---|---|
| Nationality: | Cuban |
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| ACADEMIC FORMATION | |
| Computer Engineer 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> | |
| Master in Applied Computer Science University of Ciego de Ávila, Cuba (2013-2014, <i>best graduate</i>) Thesis entitled: <i>System for Energy Control in Hotels (Python)</i> | |
| Ph.D. student in Computational Mechanics Central University of Las Villas, Cuba (2018-2020) | |
| PROFESSIONAL EXPERIENCE | |
| 1. ISU Corp (November 2025 – Now) Role: Full Stack Developer Project: Mobilive Responsabilities: <ul style="list-style-type: none">• Implemented functionalities on the frontend (TypeScript)• Implemented functionalities on the backend (TypeScript)• Integrated backend with third-party API (TypeScript) Environment description: <ul style="list-style-type: none">• 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 (Feb 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:** Vscod
- **Server:** MySQL

4. Doce Leguas S.L. (Nov 2024 – May 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:** Vscode
- **Server:** PostgreSQL

5. Independent software developer (Feb 2024 - Aug 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
- **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 | | |
|--|--|------|
| <p>May 18th, 2025 Python (Basic)</p> <p>May 16th, 2025 SQL (Advanced)</p> <p>May 16th, 2025 SQL (Intermediate)</p> <p>December 7th, 2023 EF SET English Certificate 69/100 (C1 Advanced)</p> <p>Advanced React for Enterprise: React for senior engineers December 14th, 2023 (https://www.udemy.com/certificate/UC-57e9f70d-1cbc-4b43-a3a1-a3e4ee0540d0/)</p> <p>Advanced React September 2nd, 2023 (https://www.coursera.org/account/accomplishments/certificate/NGM4CMMHBEFN)</p> <p>Next.js & React – The Complete Guide October 6th, 2021 (https://www.udemy.com/certificate/UC-48964cd6-7018-43a4-8569-8612ff9f579f/)</p> <p>Angular Intermediate April 6th, 2021 (https://www.hackerrank.com/certificates/62615ac44828)</p> <p>Angular Basic April 5th, 2021(https://www.hackerrank.com/certificates/22197f798390))</p> | | |
| LANGUAGE SKILLS | | |
| <p>Spanish: Mother tongue</p> <p>English: C1</p> <p>French: B1</p> <p>Russian: A1</p> | | |
| 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 th 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) |