

## Adan Alejandro Sánchez De Santiago

San Luis Potosí, México • [adan.sanchez@proton.me](mailto:adan.sanchez@proton.me) • +524448196681 • [Linkedin](#) • [Github](#)

### Education

#### UNIVERSIDAD AUTÓNOMA DE SAN LUIS POTOSÍ

Intelligent Systems Engineering

San Luis Potosí, México

August 2018 - June 2023

### Experience

#### Bitcat Services

##### JavaScript Web Developer

San Luis Potosí, México

May 2024 – Current day

Full stack JavaScript developer, responsible of web development for internal and external applications within 4.0 Industry.

- Exports of logbooks to excel from the frontend.
- Frontend optimization and development of new features.
- CI/CD.
- Implementation of docker in Frontend and Backend.
- Maintenance of previous software.
- Connection to PLC's.

#### Cooperative Computing

##### Full stack Intern

San Luis Potosí, México

September 2023 – May 2024

#### AIA Partners

##### Backend Lead Developer

San Luis Potosí, México

June 2022 – September 2023

Backend Lead Developer in charge of maintenance, dev Ops, of a Node Js with Express backend server for a financial platform.

- Implementation of Replica Sets and transactions for a Mongo DB database.
- Use of Cronjobs for automatization of scripts from the server.
- Backend authentication for assigning roles and user permissions.
- File encryption and external image storage.
- Develop of documentation and staff training.

#### Autonomous University of San Luis Potosi

##### Intern

San Luis Potosí, México

January 2023 – June 2023

- Computer laboratories maintenance and program installations.

#### Pixel & byte

##### Social Service

San Luis Potosí, México

June 2022 – December 2022

DCOM image converter to JSON objects for AI training without data lose.

- Conversion of DCOM image buffers to JSON's.
- Node Js server whit capability of running Python scripts on its own environment.

#### Polytechnic University of San Luis Potosí

##### Freelance Developer

San Luis Potosí, México

November 2021 – March 2022

Development of the videogame "Brand Wars" for the "Lag Week 2022" using the program "RPG Maker".

- Development of Javascript scripts for handling UI and NPC's interactions.

### Programming Languages and Technologies

- |              |              |           |
|--------------|--------------|-----------|
| • HTML       | • Angular    | • Postman |
| • CSS        | • Vue        | • Git     |
| • PHP        | • Node Js    | • Github  |
| • JavaScript | • Laravel    | • Figma   |
| • C          | • Express Js | • Nest Js |
| • C++        | • MongoDB    |           |
| • React      | • MySQL      |           |

### Certifications

"Nest: Desarrollo backend escalable con Node", Fernando Herrera, Udemy, April 2024.

"The Complete JavaScript Course 2024: From Zero to Expert", Jonas Schmedtmann, Udemy, October 2023.

"PHP with Laravel for beginners - Become a Master in Laravel", Edwin Diaz, Udemy, January 2024.

"React - The Complete Guide 2024 (incl. React Router & Redux)", Maximilian Schwarzmüller, Udemy, November 2023.

## **Adan Alejandro Sánchez De Santiago**

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**“Legacy – Node: De cero a experto”**, Fernando Herrera, Udemy, July 2023.

**“Implementación de las prácticas ágiles en la organización: Expectativa vs Realidad”**, ANUIES – TIC 2023.

**“Grandes ideas para emprender desde el Blockchain”**, ANUIES – TIC 2023.

### **Skills and interests**

**Languages:** Native Spanish, conversational English and Basic French.

**Interests:** Algorithm optimization, logical software, design patterns and architectures.

**Soft Skills:** Leadership, adaptability, resilience, quick learning and stress handling.