

Adan Alejandro Sánchez De Santiago

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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.

- Proxmox clusters managements.
- Fullstack optimization and development of new features.
- Virtual Machine's management.
- CI/CD.
- Implementation of docker in Frontend and Backend.
- Software maintenance.
- 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 | • Node Js | • Postman |
| • CSS | • Laravel | • Git |
| • PHP | • Express Js | • Github |
| • JavaScript | • MongoDB | • Figma |
| • C | • MySQL | • Nest Js |
| • C++ | • Postgres | |
| • React | | |

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.

“Legacy – Node: De cero a experto”, Fernando Herrera, Udemmy, 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.

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

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