



DANIEL CAAMAL HERRERA

Full Stack Developer

EDUCATION

Udacity – Data Engineer Nanodegree

February 2024 – March 2024

Graduated by project and course finalization.

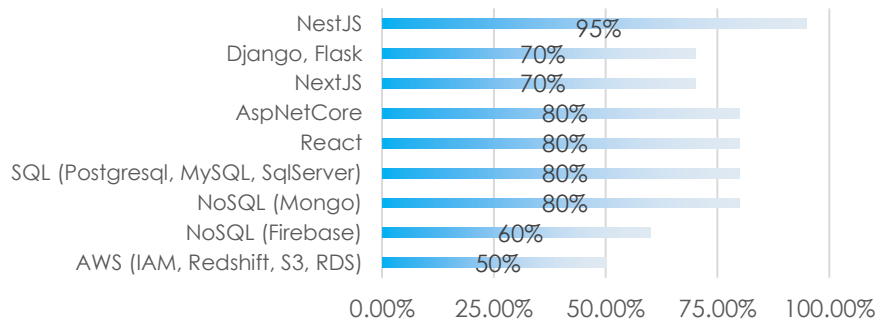
Learn to design data models, build data warehouses and data lakes, automate data pipelines, and work with massive datasets.

Universidad Autónoma de Yucatán – Mechatronic Engineer

August 2016 – June 2021

Graduated by thesis with an outstanding curricular trajectory average (94.80).

HARD SKILLS



BASIC SKILLS

- Git (GitHub, Bitbucket, Jira), Gifflow
- Infrastructure: Linux, Nginx, Jenkins, Docker, Microservices.
- Data layers, Clean Architecture, SOLID, DAOs, SOAPs, GraphQL and Restful APIs, HTTP, HTTPS, Errors, Unit Testing, DSA (Data Structure Algorithms).
- To view the courses I have taken, please refer to my LinkedIn profile.

EXPERIENCE

Nextia - Consultoría en Transformación Digital

Sr. Full Stack Developer

May 2022 – Present

- Develop and maintenance of the Infonavit Backend (NodeJS) and Frontend (React). Manage of a system characterized by high dependency and concurrency (Mi Cuenta Infonavit).
 - Implement modules as microservices to support the backend infrastructure.
 - Implement and maintain frontend components using React to ensure seamless user experiences.
 - Collaborate with cross-functional teams including UI/UX designers, product managers, and other developers to deliver robust and scalable solutions.
 - Conduct code reviews and ensure high standards of code quality, performance, and reliability.
- Develop and maintenance of complete solutions:
 - An access control system for security and administration, using advanced technologies to regulate access to restricted areas. (Asp Net Core + React)
 - A project quality check manager system to ensure project deliverables met or exceeded defined standards and client expectations. (NestJS + React)

Lynx

Backend Python Semi Jr. Engineer

September 2021 – May 2022

- Develop and maintenance of the Gasomarshal Backend Volumetric Systems IoT (RESTful API, HTTP and database management) for SMARTGAS and other clients like G500, Gulf, FULLGAS and LAGAS.
 - Develop and maintenance of Flask and Django APIs modules.
 - Verify and maintenance of PostgreSQL and SQL Server databases.
 - Maintenance of the mobile applications with Flutter (Frontend developer).

Universidad Autónoma de Yucatán

November 2020 - June 2021:

- Participation in "Energy Efficient Framework for Sport Wearable AIoT Cardia Arrhythmia Detection System" (Submitted - 2021) for the Journal **IEEE Transactions on Instrumentation & Measurement**.

ABOUT ME

As a Mechatronics engineer with a robust understanding of complete technology stacks, I am eager to leverage my academic training and professional experience in a role that allows me to contribute to an organization's success while advancing my own professional and personal growth. I am particularly interested in opportunities that will enable me to evolve into a Senior Full Stack Engineer, applying my interdisciplinary skills to drive innovation and achieve impactful outcomes.

IDEOLOGY

Never stop learning.

¿WHAT CAN I OFFER TO A COMPANY?

Create solutions for any business problem.

SOFT SKILLS

- Leadership and decision making.
- Problem-solving, creativity.
- Communication, teamwork.
- Fast learning and self-taught person.
- Persistent and Patience.
- Work under pressure.

LANGUAGES

- **Spanish:** Native.
- **English:** Intermediate

CONTACT

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 <https://github.com/danielcaamal>

REFERENCES

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Updated: 19/06/2024