

# Jonathan Larraguivel Alemán

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## Education

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### Universidad Nacional Autónoma de México

Bachelor of Science in Mathematics 2013-2018

Bachelor of Science in Physics 2010-2013 (completed 50%)

## Experience

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### Nawi Card - Mexico City, Mexico

**CTO** November 2023 - Present

- I assembled and led a team of frontend developers, backend developers, DevOps, QA, and support staff focused on creating a corporate card managed through a white-label system.
- Coordinated product development with the UX/UI team and translated investors' and founders' ideas into technological implementations.
- Designed the system with three user levels: administration, companies, and cardholders—each with its own web portal, and the last with applications on iOS and Android.
- Created a microservices architecture to support thousands of SPEI (Interbank Electronic Payment System) transactions and thousands of purchases daily.

### Ancient Technologies - Remote

**Tech Lead** August 2022 - November 2023

- Led backend and frontend developers in creating a credit authorization system for banks (Círculo de Crédito, Banco Azteca, among others) for the company UNNAX.
- Collaborated with the Spanish company Dominion to coordinate personnel and resolve digital Open Banking issues.
- Inherited an undocumented and incomplete blockchain-based remittance project and managed the code refactoring and its deployment to production.

### Naica Technologies - Mexico City, Mexico | Remote

**CTO** May 2020 - August 2022

- Established the Information Technology department in a credit company that was not yet digitized.
- Designed a personal loan management system, a CRM, and a savings account application.
- Digitized nearly 100% of the company's administrative processes.
- Designed a remote work program at the beginning of the pandemic to enable over 70 employees to work from home, allowing the company to operate effectively during the pandemic.

### Xeter Corp - Mexico City, Mexico

**Data Scientist** May 2019 - May 2020

- Implemented mathematical models for managing personal loans and calculating accrued interest, which were exported to spreadsheets.
- Developed code to classify potential delinquent clients using machine learning.

### Instituto Jaque Mate - Mexico City, Mexico

**Co-founder and Director** May 2016 - May 2020

- Founded a mathematics teaching school for all ages and consultancy specializing in mathematical

algorithms applied to software engineering.

- Developed algebra study programs for elementary schools, which were successfully implemented in private institutions (CENDI Nueva Generación).
- Happily taught over 100 students of all ages.

## Personal Projects

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### Develop Branch

Founded a company for custom software development and consulting on digital solutions. Currently active.

### Galería Cenzontle

Co-founded and managed operations of this art gallery in the Roma Norte neighborhood of Mexico City. Left the project years ago, but the gallery remains active.

## Skills

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**Technical:** Python, Flask, Django, FastAPI, Typescript, Javascript, React, NestJS, MySQL, MongoDB, PostgreSQL, Redis, Docker, AWS, Azure, GCP, Git, Nginx, Apache, Linux.

**Languages:** Native Spanish, English (B2)