

Adrian Morales López

ING. GESTIÓN Y DESARROLLO DE SOFTWARE

CONTACT



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EDUCATION

- **Ingeniería en gestión y desarrollo de software**
Universidad tecnológica del norte de Guanajuato: 2024-2026
- **TSU en Desarrollo de software Multiplataforma**
Universidad tecnológica del norte de Guanajuato: 2022-2024

LANGUAGES

- English B1
- Spanish Native

SOFT SKILLS

- Leadership
- Assertive communication
- Proactive attitude
- Problem-solving
- Teamwork

ABOUT ME

Software Development and Management Engineering student, with skills in designing and developing technological solutions. Known for a proactive attitude, continuous learning ability, and strong teamwork skills.

WORK EXPERIENCE

• MANAGEMENT SYSTEM FOR LATAM AIRLINES SIMULATORS

Optimen

April 2024 - August 2024

Full-Stack development of a system for managing the assignment of pilots to training simulators, featuring a Gantt-style interface. The system was implemented using AWS services such as Cognito, S3, and Amplify for authentication, storage, and application deployment.

• SCHEDULE OPTIMIZATION TOOL

Optimen

April 2024 - May 2024

Implementation of constraints in a system for automating and optimizing employee distribution in the Bajío cluster, using algorithms such as Hill Climbing to achieve the best possible allocation based on cost and efficiency criteria.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, Python, C++
- **Databases:** MongoDB, DynamoDB, SQL Server, PostgreSQL
- **AWS Services:** Amplify, Cognito, S3
- **Frameworks:** Angular, React, Next.js
- **Other Technologies:** Mendix, Node.js, Python with Pandas, OpenRefine, Node red (IoT)