

# Diego Uribe Villalobos

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## Skills

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- .NET | Flutter | Java | SpringBoot3 | JavaScript | TypeScript | C++ | C | MySQL | Node | Express | React | MongoDB | Redux | NextJS | NoSQL | Python
- Cloud Computing | CI/CD | AWS | Jest | Railway | Nightwatch | Unit Testing | Lambda | Game Development | Serverless | Leadership
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Spanish – *All professional proficiency or above*

## Experience

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### Lead Software Engineer

Softtek

CDMX, México

08/2022 - 07/2024

- **BBVA:** Led the design and implementation of a serverless cloud system to manage internal business trips, utilized by over 50,000 employees, using React.js and Node.js.
- **Digital FEMSA:** Designed a micro-frontend architecture for the FINTECH SPIN, completing the project 3 months ahead of schedule with 80% test coverage. Implemented registration, login, and promotions systems for SPIN PREMIA NEGOCIOS, facilitating the growth of 36.6 million users using React Native and SCRUM.
- **Aeroméxico:** Technical lead for a team of 10 in the refactoring of a legacy application, eliminating over 700 errors and improving performance by 40%. Optimized maintainability and scalability by applying modern design patterns, ensuring code quality for monthly operations exceeding 250 billion MXN.
- Interviewed and selected candidates for 4 international projects, ensuring alignment of skills with project objectives.

### Founding Software Engineer

Duelazo

CDMX, México

11/2018 - 08/2022

- Managed and led a development team of 9 developers and 2 designers, collaborating directly with the CEO and Marketing to align the technology strategy with the business objectives of a startup that now has over 80,000 downloads, 4.6 stars on the App Store, and 4 on Play Store.
- Redesigned a comprehensive software architecture using AWS, Flutter, Python, C#, and React, successfully developing and launching a CMS, Android app, iOS app, MacOS and Windows admin tools, reducing operational costs by more than 70%.
- Refactored a React and Laravel application, mitigating over 1,000 errors and enabling remote operation and successful launch of a Sports Pool application for Android and iOS.
- Interviewed candidates and built a high-performance team for project development and launch, ensuring skills were aligned with the client's desired timeline and budget.

## Education

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### Bachelor of Computer Science and Engineering

University Anahuac Norte

CDMX, México

08/2017 - 06/2022

- **Condomind:** For my graduation project, I successfully developed and implemented the only monetizable project, a condominium management system and social network for condo residents, in 2 of the most exclusive condominium complexes in Mexico City, with over 200 residents and a monthly subscription of \$30 MXN per person.
- Developed Python code to solve an equation that was impossible to solve in Matlab, resulting in the only perfect score ever given by a professor with over 30 years of teaching experience and 10 years of experience in Matlab.
- **Certifications:** [Prompt Engineer](#), [Django Developer](#), [Leading High Impact Engineering Teams](#), [Mastering Algorithms and DataStructures](#), currently certifying at [AWS Developer Associate](#)

## Projects

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- **Marketing AI (MAI):** Co-developed an intelligent prompt library for Marketing with a Marketing specialist using Next.js, Payload CMS, and Stripe. (2024)
- **Spiral Dimensions:** Developed an Android/iOS application and landing page using Flutter, SpringBoot3 and AWS SAM/EC2 for a personal e-book project. (2022)
- **The Pack:** Created an Android/iOS app in Flutter with a web admin tool using Flutter, and NodeJS to help users find pet-friendly places, accumulating over 14,000 followers. (2021)
- **Container Packaging:** Freelance e-commerce project developed with NetPayl and CSS for online cardboard box sales. (2018)
- **Ecolife:** Developed a gamified ecological habits app for Android/iOS using Unity and C#. (2017)
- **NewRM:** Freelance project for online real estate sales/rentals, developed in PHP, HTML, and JavaScript. (2017)