

Diego Uribe Villalobos

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Skills

- .NET | Flutter | Java | SpringBoot3 | JavaScript | TypeScript | C++ | C | MySQL | Node | Express | React | MongoDB | Redux | NextJS | NoSQL | Git
- 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

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

Bachelor of Computer Science and Engineering

University Anahuac Norte

CDMX, México 08/2017 - 06/2022

- **Prompt Engineer Certificate** - CodeSignal
- **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.

Projects

- **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)