

# Jonatan Luna Franco

Computer Systems Engineering

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## Professional Experience

### Full Stack Engineer | CADIA | Jan 2025 - Jul 2025

- Designed, developed, and deployed a comprehensive internal management system using Laravel, Livewire, and PostgreSQL, improving operational efficiency in managing clients, test results, reagents, and laboratory equipment.
- Implemented a public landing page that served as the primary point of contact for new clients of the food testing laboratory.
- Developed an automated module for generating training certificates with validation QR codes, ensuring document authenticity.
- Built a critical feature for calculating and labeling nutritional information on products, ensuring strict compliance with NOM-051 Mexican regulations.

### Full Stack Engineer | CEBV | Apr 2023 - Dec 2024

- Developed a scalable and secure internal RESTful API with Laravel and PostgreSQL to connect multiple internal services and applications.
- Built a Windows desktop application (.NET/C#) to centralize and optimize the management of missing persons reports.
- Implemented a dynamic PDF report generator, streamlining official documentation and reducing processing time.

### Android Developer | CEBV | Jan 2023 - Apr 2023

- Develop native Android mobile application (Kotlin/Jetpack Compose) for field forensic data collection, with offline functionality using SQLite, enabling work in areas without connectivity.

## Education

### Instituto Tecnológico Superior de Xalapa | Aug 2021 - Jul 2025

Computer Systems Engineering

## Technical Skills

- **Programming Languages:** Java, Kotlin, PHP, C#, JavaScript/TypeScript, Python, SQL, HTML5/CSS3
- **Frameworks & Libraries:** Spring Boot, Angular, Ktor, .NET, Laravel, Livewire, Jetpack Compose, Tailwind
- **Database & Tools:** PostgreSQL, SQLite, Git, GitHub, Docker, AWS, Nginx, Gradle

## Idiomas

Spanish - Native | English - Intermediate