

# Victor Ruiz

Software Engineer

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## SUMMARY

Highly motivated Software Engineer with demonstrated experience in designing, developing, and deploying robust web applications. Proficient in the Spring Boot and React ecosystems, with a proven ability to migrate legacy systems to modern architectures and implement critical business features, including third-party API integrations and automated CI/CD pipelines. Currently expanding expertise into hardware and automation by pursuing a TSU degree in Mechatronics, aiming to bridge the gap between innovative software and physical systems.

## EXPERIENCE

### Software Engineer

Jun. 2024 – Present

*MecanicaMX - CRM Startup for Mechanic Workshops*

*Mexico City, Mexico*

- Engineered key billing features by integrating an external API for global invoicing (CFDI 4.0), enabling multi-payment supplements ('complementos de pago') for over 200 active workshops.
- Implemented a scalable notification system using Cloudflare Queues to reliably manage and dispatch thousands of automated WhatsApp messages and emails to clients.
- Developed an automated support bot with n8n, leveraging a knowledge base from platform data to resolve common user inquiries, significantly reducing the manual support workload.
- Designed and built a custom PDF generation system to create personalized invoices, service orders, and reports directly from the platform.

### FullStack Developer

Jan. 2023 – Jun. 2024

*SW Argos - Development Division of a Private Security Firm*

*Torreón, Mexico*

- Spearheaded the complete migration of a legacy desktop application to a modern, scalable web platform using Spring Boot for the back-end and React for the front-end.
- Designed and implemented a full CI/CD pipeline using GitHub Actions to automate the build, testing, and deployment processes to a private server, improving deployment frequency and reliability.

## SKILLS

**Languages:** Java, JavaScript, Python, SQL

**Back-End:** Spring Boot, REST APIs, JPA/Hibernate, Node.js

**Front-End:** React, HTML5, CSS3, JavaScript (ES6+), AngularJS

**Databases:** MySQL, PostgreSQL, MongoDB

**DevOps Tools:** Git, GitHub Actions, Docker, Cloudflare Queues, n8n

## EDUCATION

**Universidad Tecnológica de Torreón**

Torreón, México

*TSU en Mecatrónica, Área Automatización*

*Expected 2028*

**Colegio Nacional de Educación Profesional Técnica**

Torreón, México

*Técnico Bachiller en Química Industrial*

*2016 - 2019*

## CERTIFICATIONS

**Meta Back-End Developer Professional Certificate**

*June 2023*

**Meta Front-End Developer Professional Certificate**

*July 2023*