

# Jazziel Bello Necochea

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## PROFESSIONAL SUMMARY

Technology and problem-solving enthusiast with solid experience in backend development, cloud solutions, and AI.

In my current role, I am a **Software Engineer** working as a **Java Developer**, over these 3 years, I have implemented:

- RESTful APIs and backend services with **Java (Spring Boot)** and **Python (FastAPI, Django)**.
- Database design and optimization with **Postgres, MySQL** and **MongoDB**.
- Containerization and CI/CD using **Docker** and **Jenkins**.
- Cloud solutions and app migration to **AWS**.
- ETL pipelines and web scraping for data workflows.

## ABILITIES

Stack	Tools
<b>Teck Stack:</b> Spring + React, JAM  <b>Web Frameworks:</b> Spring Boot, Node.js, Remix, Fast API  <b>Database:</b> <ul style="list-style-type: none"><li>• Relational: SQL, Postgresql</li><li>• NoSQL: Mongodb, Dynamo</li></ul> <b>Cloud:</b> API Google Cloud Vision AWS: <ul style="list-style-type: none"><li>• Cloudformation</li><li>• Dynamo</li><li>• S3</li><li>• Lambdas</li><li>• Kinesis</li><li>• Chatbot</li><li>• Notifications</li></ul> <b>Programming languages:</b> Java, Python	<b>Version control:</b> Git <a href="https://github.com/Jaxbel">https://github.com/Jaxbel</a>  <b>Paradigms:</b> OOP, Functional, Event-Driven  <b>Methodologies:</b> Agile, Scrum, Kanban, DevOps  <b>Practices:</b> Clean Code, SOLID, Test-Driven Development, Secure Coding  <b>ITS:</b> Jira, Trello

## EXPERIENCE

### **ITJuana, Tijuana** - Software Engineer

Apr 2025 – Present

#### **Project: Kernel / Platform Support**

Working in the CI/CD Infrastructure team on the Kernel initiative, focused on modernizing internal libraries and providing core components for other engineering teams.

- Migrating and refactoring legacy code into modern, maintainable libraries.
- Designing and developing new shared libraries to support multiple internal teams and applications.
- Improving CI/CD pipelines and integration with GitLab/GitHub for seamless delivery.
- Collaborating with Infrastructure and development teams to standardize practices and reduce technical debt.
- Enhancing developer productivity by creating reusable components and streamlining configurations.

**Languages and tools:** Java, Spring Boot, Maven, GitLab, Terraform, PostgreSQL, Docker. Evaluating

### **Tri Source International LLC, Tijuana** – Python Developer

Jul 2024 – Feb 2025

#### **Project: AI Solutions Development**

Worked as a Software Engineer designing scalable applications and integrating AI-powered solutions for client needs.

- Developed software leveraging **Large Language Models (LLMs)** and **Python** to create intelligent solutions.
- Built automation tools to streamline tasks and improve operational efficiency.
- Integrated AI-driven modules into existing client systems.
- Built virtual assistant platforms integrating OpenAI's LLMs with advanced voice processing capabilities.

**Languages and tools:** Python, LLMs, AI/ML frameworks, Git

## Gobierno de Tecate, México – Python Developer

Jan 2023 – Jul 2024

### Project: WhatsApp Citizen Services Chatbot

Developed and deployed a chatbot solution to modernize citizen reporting of urban issues and improve administrative efficiency.

- Designed and implemented a **WhatsApp chatbot** using **Python, Flask, Meta API, and Supabase**.
- Enabled citizens to report issues (potholes, traffic lights, flooding) with **descriptions, photos, and locations** stored securely in a database.
- Automated administrative workflows through custom Python solutions, reducing manual effort.
- Built data analysis and reporting scripts to support decision-making by city authorities.
- Performed testing and debugging to ensure software reliability and maintainability.

**Languages and tools:** Python, Flask, Meta WhatsApp API, Supabase, Docker

## LANGUAGES

- Spanish Native.
- English V2 -C1 (Verbal, Written).

## EDUCATION

Instituto Tecnológico de Tijuana, Tijuana B.C.

Computer Science

2019 – 2024

## CERTIFICATES

Oracle One Next Education

Backend with Java

2023