

¡Hi!

I am Gabriel Juarez

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About me

Hi, I'm Gabriel — a software developer passionate about building products from start to finish. My interest goes beyond writing code: I love getting involved in understanding the problem, contributing to the design process, and working closely with teams to deliver effective, scalable, and user-centered solutions.

I have over 5 years of experience working with technologies such as Java (Spring Boot), Angular, and Flutter (using BLoC). Throughout my career, I've developed software across various industries, including retail, banking, e-commerce, construction, education, transportation, and human resources.

Experience

APRIL 2024 - JUNE 2025

[I+D Consultoría](#), México, Mérida, Yucatán - *Backend Developer*

As a key member of the backend team, I am responsible for:

- **Analyzing, developing, and maintaining Chapur's credit platform and mobile application**, ensuring alignment with business needs and user requirements. I actively define use cases, plan development activities, and collaborate with cross-functional teams to deliver robust solutions.
- **Migrating legacy code**—which was originally developed many years ago—to more modern, scalable, and maintainable technologies. This involved refactoring outdated code, integrating new technologies, and ensuring backward compatibility to maintain operational stability.
- **Integration and updates of payment methods** to enhance the user experience. Specifically, I worked on the integration of **Oxxo Pay** (for cash payments at Oxxo stores) and **Conecta** (for credit/debit card payments), improving transaction flow and broadening the available payment options for Chapur customers.
- **Planning and estimation of new projects**, creating detailed work plans and project timelines to ensure clear deliverables and efficient resource allocation. This involved close collaboration with project managers and stakeholders to accurately scope out new

development efforts.

- **Designing the technical and conceptual architecture** for both **new and existing Chapur projects**, ensuring the architecture is scalable, secure, and aligned with business objectives. This also involved identifying areas for improvement and providing architectural solutions to drive innovation.
- **Creating MVPs (Minimum Viable Products)** to validate ideas, gather feedback, and refine project scope. I worked on delivering functional prototypes to test core features before full-scale development.

(Spring Framework, Spring Security, HttpClient5, Spring WEB, Angular 15, Ngix, Linux, Jira, Azure Devops, Glassfish).

AUGUST 2023 – APRIL 2024

IDS Comercial, México, CDMX – Software Developer Sr (Santander)

During my time at Santander, I worked on developing microservices and RESTful services for various products, including some focused on payment verification and insurance. Specifically, my main responsibilities included:

- Analyzing and developing new features for the loan management system for suppliers (creation and review of CFDI's).
- Designing and implementing microservices, ensuring quality control, and deploying services on OpenShift (Red Hat).
- Providing ongoing support for microservices developed by IDS, Santander, and external consulting teams.

Technologies used:

(Spring Framework, Spring cloud, Jenkins, Junit Test, Mockito, Oracle 11G, OpenShift, Sonarqube, Veracode, Microservicios, Project management, Scrum, Jira, Linux, Spring Bash).

NOVEMBER 2021 – AUGUST 2022

NTT DATA, México, CDMX – Software Developer (Santander)

I worked with Santander on the renewal of a platform focused on incident management and support for its various branches. My role as a software developer involved the following tasks:

- Gathering requirements, creating functional documentation, and defining test cases and use cases for the CAU portal.
- Developing an MVP using Angular 13, based on Santander's design library.
- Defining the architecture at both the frontend (Angular) and backend (Java) levels for the portal.
- Designing the database schema and mapping it in Java with JPA.
- Developing the necessary microservices for different modules of the portal (Spring Security, Spring Cloud, Spring JPA, Redis, Spring Actuator).

- Writing tests for the microservice classes (JUnit 4/5, Mockito).
- Performing quality checks with Veracode and SonarQube.
- Developing views and mentoring the team to implement functionality according to the defined use cases.
- Deploying and configuring environments on OpenShift and Jenkins.
- Delivering the project after providing support during the warranty phase.

Technologies used:

(Spring Framework, Spring cloud, Angular 10,12, 13, 14, Jenkins, Junit Test, Mockito, Oracle 11G, OpenShift, Sonarqube, Veracode, Microservicios, Project management, Scrum, Linux, Spring Bash).

JULY 2021 – NOVEMBER 2021

NTT DATA, México, CDMX – Software Developer (AT&T)

During my time working with AT&T as a software developer, my responsibilities included:

- Gathering requirements, designing, and adjusting the architecture of the recharge system for specific clients.
- Training on the operation of OSBMX (Oracle Service Bus MX) to configure new recharge and payment distribution channels.
- Coordinating with various teams (ESB MX, Network Support, Billing, Back Office) to discuss tasks, resolve issues, and ensure smooth execution of activities.
- Configuring OSB MX Evolution.
- Ensuring continuity and timely delivery of the project.

In summary, my main activities included:

- Configuring and defining the OSB Evolution architecture to expose SOAP services.
- Generating scripts and making adjustments related to recharge processes (Oracle 11g).
- Maintaining Java batch jobs and programming tasks.
- Orchestrating and executing activities across different teams and departments.

Technologies used:

(Spring Framework, Spring cloud, Junit Test, Mockito, Oracle 11G, OpenShift, Sonarqube, Veracode, Microservicios, Project management, Scrum, Procesos Batch, DBA, Spring Bash, Tomcat, Nginx, Linux).

JULY 2020 – JULY 2021

Macropay, Mérida, Yucatán – Software Developer (Full Stack)

During my time in this role as a software developer, I was responsible for:

- Gathering requirements, tracking project progress, and providing second-level support.
- Developing a supplier management system integrated with SAP ERP (Module), focused on managing purchase orders, material delivery, payment releases, and invoice validation (CFDI 3.0 and 4.0).
- Developing a user, role, and permissions management system for SAP team applications.

- Creating an application for the distribution of payments for employee travel expenses.
- Building a store opening prediction system for the Business Intelligence (BI) team.
- Assisting with the maintenance and development of new modules for the travel expenses system.

Technologies used:

(Spring Framework, Spring cloud, Junit Test, Mockito, Oracle, Nginx, Sonarqube, Angular, Project management, Scrum, Procesos Batch, DBA, Flutter, MySQL).

JUNE 2018 - JULY 2020

Cotemar S.A de C.V., Carmen, Campeche– *Software Developer (Full Stack)*

During my time in this role as a software developer, I:

- **Developed and completed the quality control system** for the offshore construction team, ensuring the system met industry standards and business requirements. This system played a key role in improving the team's operational efficiency and ensuring quality assurance processes were streamlined.
- **Developed the mobile version** of the quality control system using **Flutter** and the **BLoC** architecture, enabling field personnel to perform quality checks in real-time, improving data accuracy and reducing delays.
- **Led the mobile development team**, coordinating tasks, conducting code reviews, and ensuring best practices were followed, which resulted in the successful and timely launch of the mobile app.
- **Optimized and enhanced query performance** related to the quality control system by identifying bottlenecks and implementing efficient database solutions, reducing processing time by X%.
- **Provided ongoing support** to other systems, troubleshooting issues and implementing enhancements to ensure seamless integration with existing workflows.

Technologies used:

(Spring Framework, Spring cloud, Junit Test, Mockito, Oracle, Nginx, Sonarqube, Angular, Project management, Scrum, Procesos Batch, DBA, Flutter, MySQL, Azure Devops).

Educationp

2019-2023

Universidad Autónoma del Carmen, Carmen, Campeche
Bachelor's Degree in Information Technology

Languages

English (B1)

Spanish (Native)