

# Ekatl Bernardo Ramírez Zavala

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Fullstack Developer

Six years of software development

## Contact

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Pachuca, Hidalgo

<https://imcber.github.io/ektl.dev.v1>

## Who I am

I'm a software engineer with 6 years of experience focused on creating and optimizing web systems as a full-stack developer. I specialize in languages like Java, Kotlin, JavaScript, and Python, as well as frameworks such as ReactJS, Node.js, NestJS, and Spring. I'm a self-taught individual, and my passion for technology allows me to quickly adapt to new challenges and contribute to complex projects. I'm seeking opportunities to apply my technical knowledge, skills, and ideals in software systems.

## Skills

I've worked and studied with various technologies and programming languages throughout my professional career, including implementing design patterns like TDD and IoC, as well as architectures like hexagonal and event-driven. I adapt to projects by collaborating within the team and releasing the product. Currently, my main areas of focus are:

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| <ul style="list-style-type: none"><li>● <b>Programming Languages:</b><ul style="list-style-type: none"><li>○ Java</li><li>○ JavaScript - Typescript</li><li>○ Python</li><li>○ Kotlin</li></ul></li><li>● <b>Frameworks &amp; Libraries:</b><ul style="list-style-type: none"><li>○ Spring</li><li>○ FastAPI</li><li>○ Tailwind</li><li>○ ReactJS</li><li>○ Node.js</li><li>○ NextJS</li><li>○ NestJS</li></ul></li></ul> | <ul style="list-style-type: none"><li>● <b>Databases:</b><ul style="list-style-type: none"><li>○ MySQL</li><li>○ Mongo</li><li>○ Redis</li><li>○ Postgres</li></ul></li><li>● <b>Tools</b><ul style="list-style-type: none"><li>○ Maven</li><li>○ Gradle</li><li>○ AWS</li><li>○ Git</li><li>○ Jenkins</li></ul></li></ul> |
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## Soft Skills

As a software developer, I not only focus on improving my programming skills but also those skills that lead to better communication and transparency with product owners, such as:

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| <ul style="list-style-type: none"><li>● Collaboration</li><li>● Teamwork</li><li>● Team mangagment</li></ul> | <ul style="list-style-type: none"><li>● Adaptability</li><li>● Time management</li><li>● Communication</li></ul> |
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## Projects

These are the latest projects I have worked on in the last 4 years.

### **Coppel** – *Backend and Android Developer*

I participated in developing APIs for Coppel with FastAPI framework in Python, implementing design patterns such as Inversion of Control (IoC), Dependency Injection (DI), and applying hexagonal architecture for loose coupling of modules.

I also actively participated in the development of modules for Coppel's native Android application using Kotlin.

### **TAR** – *Fullstack Developer*

<https://tarmexico.com/>

At TAR, I worked on adding new features to the backend, as well as fixing bugs. I optimized deployment flows. On the frontend, I refactored class components to hooks, improved state management, and refined client requests.

### **Uniken** – *Backend Developer*

At Uniken, I worked on developing private APIs in Python and Java for consuming REST services, adding database connections, buckets, and connections with other APIs, as well as implementing design patterns.

### **Ganalottodo** – *Fullstack Developer*

<https://www.ganalottodo.com/>

Ganalottodo is a site authorized by Pronósticos that allows users to participate and enjoy games and raffles of their choice. I worked on developing a ticket distribution system for the raffle, both on the backend and frontend.

### **Needed** – *Fullstack Developer*

I primarily worked on maintaining the system to facilitate the exchange of information that the product had with its users. However, this system was composed of different patterns such as SSO and the development of formulas for evaluation. During this project, I focused mainly on maintaining the system both on the backend and frontend

## Work

### **TCPIP , Querétaro, Querétaro Arteaga** – *Fullstack*

Agosto de 2020 – Actualidad

I have worked on various projects primarily in the role of Frontend using React.js; however, recently, I have had the opportunity to delve into backend development using Java and Node.js.

## **HrlSystems , Querétaro, Querétaro Arteaga – Fullstack**

Noviembre de 2018 – Marzo de 2020

I worked on four projects during my tenure at the company. Two collaborated with Santander as external clients, while the other two focused on development using React.js and Angular.

## **Santander, Querétaro, Querétaro Arteaga – Fullstack**

Febrero de 2018 – Noviembre de 2018

I worked at Santander's corporate office, Isban, where I focused on developing web systems for contract and client management, primarily using Java and jQuery.

## **Idioma**

Spanish – Native

English – B1

## **Education**

### **Universidad Politécnica de Pachuca, Pachuca, Hidalgo – Ingeniería en Software**

Septiembre de 2014 – Septiembre de 2017

### **Fixter, Pachuca, Hidalgo – Desarrollo de aplicaciones web con python y Django**

Mayo de 2017 – Julio de 2017

### **Citnova, Pachuca, Hidalgo – Desarrollo de páginas Web**

Abril de 2017 – Mayo DE 2017

## **Books**

The following are the latest software development books I have read; these have helped me improve my skills in implementing solutions. Specifically, "Node.js Design Patterns," although focused on JS, has helped me implement design patterns in Python and Java.

- Node.js Design Patterns – Mario Casciaro
- Kotlin Apprentice – Irina Galata), Victoria Gonda, Joe Howard
- AWS for Beginners – Ben Piper, David Clinton
- Microservices with Spring Boot – Magnus Larsson (Currently Reading)