

Experience

AMBATO REGIONAL ELECTRICAL COMPANY CENTRO NORTE S.A.

Ambato, Ecuador

Software engineer

- Developed a full stack application to automate an intern process that help enhance and optimize the managing of that process.
- Collected system requirements and modeling of the system.
- Built the backend application using and MVC architecture in the programming language Java using the Spring Boot framework and Oracle database.
- Built the frontend application whitening the organization brand in the programming language Typescript using the Angular framework.

Personal Projects

BONSAI STORE BI

- Developed a REST application to manage a Bonsai store and create a business intelligence and analytical process.
- Used a relational database model to store information about the bonsai store business using PostgreSQL.
- Developed the API REST using the programming language Go and the web framework Gin.
- Created and ETL process to create a data warehouse for the business intelligence process.
- Created a script to extract a dataset to train a classification neural network.

RULES BASED NICHE PRODUCTS RECOMMENDATION SYSTEM

- Developed a full stack application that can be used to recommend related products to a specific niche product, this helps learn about a topic. For example, in bonsai care you can get recommendations about how good a product is for something you selected based on an expert level.
- Backend application developed in a microservices architecture using Go programming language and the microservices framework Encore.
- The backend can hold any type of rule of a specific niche, allowing to re-use this application for other frontend projects.
- Backend application deployed to the cloud of Encore.
- Developed a frontend application assuming a case study of bonsai products, this application was built using the Javascript framework Svelte and Svelte Kit.
- Frontend application styles applied using the CSS framework Tailwind CSS and the svelte UI library Skeleton UI.
- Frontend application deployed using Vercel.

Education

UNIVERSIDAD TÉCNICA DE AMBATO

Ambato, Ecuador

Bachelor of software engineer

- Thesis: Niche products recommendation system based on the product's characteristics.

Social network

- LinkedIn: <https://www.linkedin.com/in/erick-carrasco-santos/>

Erick Josué Carrasco Santos
Ambato, Tungurahua, Ecuador • erickype@hotmail.com • +593 0996540761

- **GitHub:** <https://github.com/Erickyype>
- **Mail:** erickype@gmail.com or erickype@hotmail.com
- **Porfolio:** <https://erickypportfoliopocketbase.vercel.app>

Skills and interests

Technical

- Agile development
- Requirements engineering
- Golang
- Java
- SQL
- PostgreSQL
- REST
- Microservices
- Typescript
- Svelte, Svelte Kit
- Tailwind CSS
- Business intelligence
- Artificial intelligence

Language

- Spanish native level
- English B1 level

Interests

- Cutting edge technology
- Quantum information
- Artificial intelligence
- Anime
- Origami
- Bonsai care
- Videogames