

Fabián Eduardo Cruz Amador

Software Engineer | Java Developer

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Experience

Grupo **TI México** | **Grupo TI México** | *Software Consulting (present)*

Java Backend Developer

Remote, March 2023 - Present

- Proactively took part in **backend development** of a Transportation Management System (TMS) for a logistics company, using **Java 8+** (Streams, Lambda, etc.), **Spring Boot** and **Quarkus Frameworks**, **Hibernate JPA** and **GIT Workflow**.
- Worked efficiently in an **agile development** team, participated in daily **SCRUM** meeting and contributed to sprint planning.
- Designed** and **developed** RESTful APIs that allow users to manage their customer's orders and shipments.
- Implemented** required **functionalities** from user stories in an environment managed with Azure DevOps.



NEORIS | *Software Consulting (2 years)*

External Software Engineer

Remote, March 2022 - March 2023 (1 year)

- Software **proposal**, **estimation**, **development** and **support** for clients using requirements-based methodologies.
- Collaborated on **API services** development that are part of a bank system workflow and supported them.
- Accomplished **Java Spring Boot** and **software design** training.
- Worked on projects with technologies such as **HTML**, **CSS**, **JavaScript**, **Java Spring Boot**, **SQL**, and **GIT**.

Software Engineer Intern

Remote, April 2021 - March 2022 (1 year)

Personal Projects

All of my projects (+40) available on my [GitHub](#) profile

Ticket Manager REST API | [🔗](#)

[Java](#), [Spring](#), [Spring Boot](#), [MySQL](#), [SonarQube](#), [Git](#)

- Spring application based on a ticket work system. Handles HTTP requests for creating, editing, and getting tickets. Allowed me get a clearer understanding of **design patterns**, **dependency injection** and other important concepts.

Image Analysis | [🔗](#)

[Java \(Android Studio\)](#), [Azure Cognitive Services](#), [Firebase](#), [Git](#)

- Android Java** app with user management using **Firebase** and camera functions. The picture taken in the application is analyzed using **Azure Services** and return the main object in the photograph and its percentage of confidence about the analysis.

NASA Space Apps Challenge Participation | [🔗](#) [🔗](#)

[HTML](#), [CSS](#), [JavaScript](#), [Git](#)

- Web videogame of leading astronauts to Mars. Team project, my contribution consisted in design and development of interfaces using **HTML**, **CSS** and **JS**. Communication of information of components with interfaces and core functionalities.

Computer Science Blog | [🔗](#) [🔗](#)

[HTML](#), [CSS](#), [Markdown](#), [Jekyll](#), [Git](#)

- Personal blog where I document significant principles related to **computer science** and **software development** including Object-Oriented Programming, Data Structures, SOLID Principles, design patterns and more.

Skills

Technologies

Databases

Programming Languages

Proeficent

Familiar

- Java
- JavaScript

- Kotlin

- HTML
- CSS
- Spring Boot
- Quarkus
- Microservices
- Azure DevOps
- Angular
- SonarQube
- Git / GitHub
- SubVersion (SVN)

- SQL / NoSQL
- SQL Server
- MySQL
- Firebase

Education

Graduating in December 2023

Software Technology Engineering, B.S.



Universidad Autónoma de Nuevo León

Led **academic projects** on design, development and testing, such as websites and mobile apps, availables in my portfolio.

Relevant Courses: Fundamentals of programming, Data structures and algorithms, Databases, Artificial Intelligence (IA).

Courses and Certificates

All of my certificates available on my [LinkedIn](#) profile and [portfolio](#)

[Java Basic and Intermediate \(Accenture, NEORIS, SoloLearn\)](#) | [🔗](#) [🔗](#) [🔗](#) [🔗](#)

[Problem Solving \(HackerRank\)](#) | [🔗](#)

ORACLE Oracle Cloud Infrastructure 2023 Foundations Associate | [🔗](#)

[Web Development \(UANL\)](#) | [🔗](#)