



Felipe Carrillo

Developer

CONTACT

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SKILLS

- Architecture
- Databases
- DevOps
- ERP
- Business Tools
- Development Tools
- ETL Tools
- Testing Tools
- Programming Languages Frameworks & Methodologies
- Cloud Services (AWS)

ABOUT ME

Passionate **Software Developer** with a background in **International Business** and ongoing **Mechatronic Engineering** studies, adept at collaborating across teams, leveraging cutting-edge technology, and delivering robust end-to-end solutions that foster innovation, streamline processes, and achieve impactful results.

EXPERIENCE

Developer in Tata Consultancy Services 08/03/22 - Current

- Provided outsourcing services to Banistmo Bank for Payment Media projects, focusing on SQL Server and ETL optimization
- Developed an Infrastructure as Code (IaC) solution with YAML for a new payments application
- Designed and administered a relational database model, including initial data insertion and queries
- Implemented Node.js modules with a dependency inversion architecture, leveraging Sequelize as an ORM

Developer Engineer in Toyota Financial Services 01/06/20 - 08/03/22

- Managed a mission-critical database for a core application, ensuring performance and data integrity
- Developed solutions in PHP and .NET C# based on existing business data
- Created reporting modules by writing complex queries and stored procedures consumed by .NET/PHP layers
- Built Excel automations (VBA) to streamline tasks across various organizational units

Developer Engineer in GML Software 15/02/19 - 31/05/20

- Provided outsourcing services for Toyota Financial Services, mirroring responsibilities from the in-house role
- Maintained SQL Server databases and developed front-end solutions (HTML, CSS, JS, Bootstrap)
- Created back-end services using .NET C#, PHP, and T-SQL
- Automated reporting with on-demand data retrieval and Excel (VBA)

Financial Consulting Outsourcing in 07/02/18 - 15/05/19
Digiware de Colombia

- Developed a financial model in VBA Excel to assess project viability, factoring in cash flow and time-value-of-money
- Offered ERP (Odoo) implementation consulting to optimize business processes

Outsourcing in Ministerio de Justicia y 15/01/17 - 31/12/17
del Derecho

- Created a document management model for automated correspondence control using Excel VBA macros

Intern (Undergraduate Practice) in 01/07/16 - 30/12/18
Fundacion aeioTU Carulla

- Oversaw the purchasing module in SAP as part of an undergraduate internship requirement
- Collaborated with cross-functional teams to streamline procurement processes

EDUCACIÓN

**2025 BACHELOR'S DEGREE IN MECHATRONIC
ENGINEERING (IN PROGRESS)**

Universidad ECCI

- Awarded first place in the 2023 engineering fair with a digital queue management system built using Node.js, MySQL, and PM2, applying SOLID principles and a dependency inversion architecture
- Served as a student representative, promoting academic improvements and effective communication among peers

**2024 ASSOCIATE DEGREE IN INDUSTRIAL
AUTOMATION AND ROBOTICS**

Universidad ECCI

- Awarded first place in a 2019 technology fair for creating a home automation prototype integrating an Arduino (C code) and a mobile app built with MIT App Inventor. The system utilized a Bluetooth module in slave mode to control LED lighting, blinds, and doors
- Gained hands-on practice in robotics, automated systems, and electronic control

**2016 BACHELOR'S DEGREE IN INTERNATIONAL
BUSINESS ADMINISTRATION**

Fundación Universitaria Konrad Lorenz

- Represented the university at the 2015 EAFIT National International Business Olympics in Medellín
- Served as a student representative, collaborating with academic authorities to improve student engagement