

JUAN PABLO CORTEZ

FULL-STACK DEVELOPER

CONTACT

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EDUCATION

Electronics & Telecommunications Engineering
Escuela Politécnica Nacional
2021

LANGUAGES

Spanish (Native), English (B1).

MY SKILLS

- **SCRUM**
- **Languages:** HTML5, SaaS & CSS , Bootstrap, Javascript, C#, Typescript, JQuery, Python & Dart.
- **Low-Code & No-Code:** Power Automate, Power Pages, Power Apps, Copilot Studio, Microsoft Dataverse & Power Platform (My PL-900 Cert. exam is soon). N8N (Entry Level)
- **Frameworks, SDK & Libraries:** NestJS, Angular, .NET, Flutter.
- **Auth:** OpenID, OAuth2, Passport & JWT
- **Testing:** Jest, NUnit & xUnit.
- **SQL Databases:** MS SQL, MySQL, PostgreSQL , PLSQL (Entry level).
- **NoSQL Databases:** Firebase (Realtime & Firestore) & MongoDB
- **Azure:** Cloud & DevOps
- **GitHub Actions (Entry level)**

CODING SKILLS

- **Algorithms & Data Structures, SOLID Principles**
- **Architectures:** Client-Server, Model-View-Controller, Hexagonal & Serverless.
- **Design Patterns**
- **Microservices**
- **Another programming language that I used in my professional career:** Arduino, Python (Web, Data Science and AI), PHP (Web Programming) & JAVA (Web API's).

PROFILE

I am a developer in continuous learning with a four-year trajectory and specialized in Full Stack using JavaScript, complemented by knowledge in Data Science and IoT. My objective is to provide effective solutions to the client, based on their economic and infrastructure possibilities, the best technologies and frameworks, such as Angular, NestJs, .Net Core, or Power Platform (Low & No-Code), and employing methodologies such as SCRUM or Design Thinking. In addition, my soft skills have been trained to help lead work groups and be a positive member in decision-making processes and the work environment.

WORK EXPERIENCE

Software Developer

MUSHROOMSOFT (ECUADOR-EEUU)

July, 2024 - Present

HiTS Data Loader

- Design, develop and maintain HiTS Data Loader System (Backend and Frontend).
- Frameworks used: NestJs (Backend) and Angular (Frontend)
- Arquitecture: Microservices
- Dababase used: MongoDB and PostgreSQL
- Project management: Azure DevOps
- Control version: GitHub

Landing Page Maintenance:

- Create new solutions using code, low-code and no-code for the MushroomSoft's landing page using Angular, JavaScript, GitHub Actions & Power Automate.
- Frameworks used: Angular (Frontend)
- Low-Code & No-Code tools used: Power Automate, Copilot Studio & Power Apps.
- Database used: Microsoft Dataverse
- DevOps Tools used: GitHub Actions & Power Platform
- Project management: Azure DevOps
- Control version: GitHub and Git (Ms. Azure DevOps)

Panthro Project:

- Design, implement and maintain internal no-code projects with Power Apps, Power Automate, Microsoft Dataverse and Copilot Studio for MushroomSoft.
- Implemented in Microsoft Teams.
- Low-Code & No-Code tools used: Power Automate, Copilot Studio & Power Apps.
- Database used: Microsoft Dataverse
- DevOps Tools used: Power Platform
- Project management: Azure DevOps
- Control version: Git (Ms. Azure DevOps)

Flutter Internal Projects:

- Arquitecture: Hexagonal
- Dababase used: MySQL

Software Developer

COMPUTER SOLUTIONS EAST (US / INDIA)

October, 2023 - January, 2024

Computer Solutions East - Human Resources Management Website

- BambooHR replica with some new features created for CSE Human Resources Team. Language used: C#. Frameworks: .NET. Types: MVC y API Web. Relational Database Language: Microsoft SQL. Relational Database Program: Microsoft SQL Server Management Studio 2019.

SOFTWARE SKILLS

- **Coding:** Cursor IA, Visual Studio Code, Visual Studio, Google Collab, Anaconda, PyCharm & Eclipse.
- **Web API's:** Postman & ThunderClient (VS Extension)
- **Databases:** SQLite3 Console, SSMS2019, PgAdmin, MySQL Workbench, MySQL PHPMyAdmin, Firebase & MongoDB Atlas.
- **Docs Control Version:** Git & GitHub
- **Documentation:** Notion
- **Communication:** Teams & Slack

WORK EXPERIENCE

Software Developer Level 1

CAPMATION (UNITED STATES)

October, 2022 - June, 2023

Automotive Parts Solutions Team @ APS team - Phase 1

- Creation of Azure HTTP Trigger repricing functions for parts daily evaluation. Language used: Python. Key libraries used: SQLAlchemy, Numpy, and Pandas. Relational Database Language: Microsoft SQL. Relational Database Program: Microsoft SSMS 2019. Cloud platform used: Azure & DevOps.
- Bid Buddy and Bidding System 2 systems analysis and refactoring. Project type: Web Developer. Language used: C#. Framework: .NET.MVC. Relational Database Language: Microsoft SQL. Relational Database Program: Microsoft SQL Server Management Studio 2019. Additional programs and resources used: Visual Studio 2019, IIS, and Word.
- APS's Phase 1 Docs & Workflows: UAT, Repricing Requirements, and User's Manual Docs. Language docs: EN.

Engineering Manager and Full Stack WebDev Developer

ITECH - Integrador de Tecnología CIA. LTDA.

March, 2021- September, 2022

- miPercha (hardware and software): Creation of low-power electronic price tags with ESP8266 microcontrollers More information about the project is reserved for security reasons. Tools used: CPanel, HTML, Bootstrap, JavaScript, JQuery, PHP, MySQL & Arduino.
- milD (software): Real-time inventory control using Zebra RFID technology, which can be viewed from a website. Used by Association of Municipalities of Ecuador. Tools used: CPanel, HTML, Bootstrap, JavaScript, JQuery, PHP, MySQL, and Java.
- miOptica (Software): commerce management website. Languages, databases, and frameworks used: HTML, CSS3, JavaScript, JQuery, PHP, and MySQL.
- Engineering Management: Interinstitutional internship contracts with the Academia (Escuela Politécnica Nacional). Renewal of the Partnership Program with Zebra.

"Proceso de contratación No. 025-IC"

QUITO TURISMO (ECUADOR)

December, 2021

This public contract was awarded to the best presented offer and consisted of the preventive physical and logical maintenance of 10 electronic devices (PCs, servers, and storage systems) at the Quito Turismo Data Center in Quito, Ecuador. The report for this work was approved on December 21st by Engineer Fabricio Medina, the contract administrator for the minimal amount contract 025-IC.

Technical Maintenance Intership

DGIP - EPN (ECUADOR)

April, 2019 - October, 2019

I won a competition based on merit and opposition, which allowed me to participate in a 6-month internship program at my university. Using the OTRS ticketing system, I provided preventive and reactive maintenance for various types of equipment (PCs, laptops, printers, Infocus devices, VoIP telephony, networks, and structured cabling) for administrative and teaching staff, as well as laboratories and classrooms. All these processes were documented according to the institution's internal regulations. Additionally, I was able to manage inventories, including the decommissioning or proper documentation process for equipment donated by the United Nations for educational programs in Ecuador, specifically benefiting the Escuela Politécnica Nacional.