

Angel Vazquez

IT Programmer-Analyst Student

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Montreal, Canada

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Software developer with a solid foundation in software development, algorithms, and system design. Experienced in building scalable solutions, debugging code, and utilizing modern development practices to solve complex challenges effectively.

Education

AEC IT Programmer-Analyst 2023-2025

LaSalle College. Montreal, QC

Electromechanics Engineering 2016-2021

Instituto Tecnologico Nacional De Mexico. *Leon, MX*

Skills

-**Core Programming:** Java, C#, JavaScript, Python, HTML.

-**Frameworks & Libraries:** REST API, JSON, Node.js, .NET Framework.

-**Tools & Platforms:** Git, JIRA, MongoDB, SQL integration.

-**Development Practices:** Microservices architecture, code debugging.

-**Concepts:** Object-oriented programming, design patterns, distributed systems, caching mechanisms.

Professional Experience

Junior Software Developer 09/2024 -02/2025

DevExpress, Montreal, QC.

- Learn and use Dart, used for the Flutter framework, developing features like state management and performance optimization of the application.
- Develop my TypeScript skills by writing functions to manage business logic and creating interactive user interfaces.
- Work with Firebase in the backend, including creating and deploying custom cloud features in TypeScript to manage push notifications and real-time data updates.
- Develop a dynamic mobile application for iOS, Android and the web, with tasks like API integration, navigation management and user interface optimization.

Manufacturing Engineer 06/2022 - 04/2023

Moldes y Matrices de León, Guanajuato, MX.

- Efficiently addressed issues with minimal supervision, identifying and implementing specific resolutions to fix defective, damaged, or malfunctioning parts, assemblies, equipment, and systems.
- Developed new programs to control machine operations, studying blueprints to understand specifications and adjusting machines to produce quality parts.
- Utilized MasterCam, Autodesk Inventor, and Siemens NX for 3D design tasks, contributing to the creation of detailed and accurate models for manufacturing processes.

Machining Technician 03/2021 - 05/2022

Tritech Autoparts Mexicana, Guanajuato, MX.

- Efficiently resolved issues with minimal supervision, applying strong problem-solving skills in a manufacturing environment.
- Operated CNC and manual equipment to perform initial and final machining, following daily work instructions, sketches, drawings, blueprints, and manuals to determine accurate dimensions and tolerances.
- Interpreted work orders and blueprints into precise machining parameters and plans, designing work paths for custom projects by selecting suitable parameters for speed, feed rates, and tool selection.

Languages

French Intermediate.

English Full Professional.

Spanish Native.