

# FABIO SUÁREZ GORRÍN

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## Skills

- Java | SQL | Spring Boot | Angular | JavaScript | TypeScript | Python | HTML | CSS | PostgreSQL | SQL Server | Cassandra | Git
- Algorithms | Data Structures | OLAP | OLTP | ETL | ELT | BI | Linux | Unit Testing
- Database | Frontend | Backend | Full-Stack | English, Spanish – *All professional proficiency or above*

## Experience

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|--|------------------------------------|--------------------|--------------------------|
| <b>Software Engineer</b> (Full-Stack)  | <b><u>Cygnus-Software</u></b>      | Caracas, Venezuela | <b>11/2022 - Current</b> |
| <ul style="list-style-type: none"><li>• <b>Streamlined City Auditing:</b> Engineered a web-based system to streamline the workflow of city auditors, enhancing efficiency. This system not only managed tasks and validated taxpayer documents but also automated report generation for taxpayers, improving transparency and facilitating timely payments.</li><li>• <b>Business Intelligence for POS Systems:</b> Developed insightful reports for a company managing Point of Sale (POS) systems. These real-time reports provided crucial information such as client-POS association, sold and maintenance plans, and sales channels, enabling the company to optimize their sales strategies and maximize profits.</li><li>• <b>Digital Banking Onboarding:</b> Pioneered the onboarding web process for individuals and corporations in Venezuela's first-ever digital bank. This feature, also built on a back-office portal that allowed bank workers to submit new account applications for clients.</li><li>• <b>Account Limit Management:</b> Implemented a workflow in the home banking portal that enabled users to request increases in their checking and savings account limits.</li><li>• <b>Workflow Error Correction:</b> Introduced a functionality that allowed clients to correct any form error identified by the bank's administrative staff, reducing data generation errors and improving workflow efficiency.</li></ul> |                                    |                    |                          |
| <b>Software Engineer</b> (Full-Stack)  | <b><u>BBVA Provincial Bank</u></b> | Caracas, Venezuela | <b>08/2021 - 04/2022</b> |
| <ul style="list-style-type: none"><li>• <b>Real-Time Project Management:</b> Spearheaded the design and implementation of a layered architecture application for real-time internal project status management in the areas of QA and Deployment (QA&amp;D). This strategic initiative, integrating OLTP and OLAP databases, user privilege access control, automatic email dispatch, and an interactive Kanban board, boosted operational efficiency by 40%.</li><li>• <b>External User Engagement:</b> Delivered a solution providing external users (Product Owners) with real-time project status updates and personalized search filters. This reduced the QA&amp;D department's workload by 20% and increased project productivity by 15%.</li><li>• <b>Data-Driven Decision Making:</b> Led the implementation of a BI dashboard and automated report generation, providing a rich visual summary of projects worked on by each employee and the whole QA&amp;D team. Powered by <a href="#">Google Chart</a>, this tool was instrumental in the board of directors' decision-making process.</li></ul>  |                                    |                    |                          |
| <b>QA &amp; Deployment Analyst</b>   | <b><u>BBVA Provincial Bank</u></b> | Caracas, Venezuela | <b>06/2021 - 08/2022</b> |
| <ul style="list-style-type: none"><li>• <b>Software Testing:</b> Conducted comprehensive testing of applications in QA and Deployment environments to ensure software correctness, contributing to the overall quality and reliability of the software.</li><li>• <b>User Testing Facilitation:</b> Facilitated user testing sessions with product owners and end users, gathering valuable feedback that was instrumental in improving and validating software correctness.</li></ul>   |                                    |                    |                          |
| <b>Lab Assistant</b> (Database Designer/Developer,Unix IT)   | <b><u>BWL</u></b>                  | Miranda, Venezuela | <b>01/2017 - 08/2021</b> |
| <ul style="list-style-type: none"><li>• <b>Linux Environment Management:</b> Managed the installation, configuration, and maintenance of Linux environments at BWL Lab, providing critical support for lectures, practical labs, and researchers. This role was instrumental in maintaining the robust Linux environment provided by the University.</li><li>• <b>Database Design and Development:</b> Designed, developed, and maintained OLTP/OLAP databases, performing queries for learning and research purposes.</li></ul>   |                                    |                    |                          |
| <b>Software Engineer, Contract</b> (Full-Stack)  | <b><u>ULAB</u></b>                 | Miranda, Venezuela | <b>09/2018 - 01/2019</b> |
| <ul style="list-style-type: none"><li>• <b>Personnel Management System Development:</b> Led the development of a Personnel Management System that transitioned the company from a fully manual spreadsheet process to an automated web application. This solution not only centralized information but also built a robust database for Business Intelligence (BI) inquiries. The subsequent development of an automated report generation module facilitated executive decision-making.</li></ul>   |                                    |                    |                          |

## Education

<b>Bachelor of Science</b> -Major in Computer Science	<b><u>Simón Bolívar University</u></b>	Miranda, Venezuela	<b>2012 - 2022</b>
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## Projects

- **Symbolic Calculator:** [Symbolic trigonometric integral calculator using Haskell and MathJax library](#) (03/2019)
- **WillyStar:** [Developed an interpreter of the programming language Willy\\* implemented with Python](#) (04/2020)

## Courses

- [Machine Learning with Python-From Linear Models to Deep Learning, MITx](#) (12/2020)
- [LFS Introduction to Linux, The Linux Foundation](#)(01/2023)