

Juan Miguel Torres

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Senior Full Stack Engineer

Over 14 years of experience architecting and delivering robust, scalable solutions across fintech, e-commerce, and infrastructure domains. Expert in modern frameworks, cloud platforms, and DevOps practices. Proven leader in team management, technical mentorship, and cross-functional collaboration. Seeking to drive innovation and organizational growth through advanced application development.

Skills



Programming & Frameworks: .NET Core, .NET Framework, C#, Python, Java, PHP, TypeScript, JavaScript, Node.js, React, Next.js, Astro, Angular, Vue.js, Express.js, Spring Boot, MAUI, HTML5, CSS3, Redux, Prisma

DevOps & Cloud: Docker, Docker Swarm, GCP, Azure DevOps, GitHub Actions, Jenkins, Portainer, Git, Bitbucket, GitLab, Graylog, New Relic, Nginx, PM2

Testing & QA: Appium, WebdriverIO, Cucumber, Selenium, Cypress, Jest, NUnit, MS Power Automate, Postman, OpenAPI

APIs & Databases: REST APIs, GraphQL, SOAP, PostgreSQL, MongoDB, MySQL, MSSQL, Oracle SQL

Experience



FullStack Developer — Whiplash Soft

📍 Remote — 📅 March 2024 - Present

- **CW Consulting — MINSA-SEIS:** Automated 1st-level technical support flows for the Ministry of Health, reducing manual entry effort. (React, Redux, Node.js, Express, Postgres)
- Semi-automated and centralized **Active Directory user creation** synchronized with the SEIS health system. (Python CLI App)
- Automated bulk association and disassociation of users to health centers in SEIS. (Python CLI App)
- **Upwork:** Built a Chrome extension for crypto trading market reading using React, MAUI, Node.js, Express, and MongoDB.
- Developed an **inventory management app** for eBay and Amazon stores. (React, Redux, Node.js, Express, Postgres, eBay API)
- Built an **Automation Testing tool** for Android and iOS apps using Appium with WDIO and Cucumber in TypeScript.

Developer Team Lead — OmegaTech Advance Solutions, S.A

📍 Remote — 📅 January 2017 - March 2024

- Led the Cashier division team, managing **financial services integrations** and supervising developers and QA engineers.
- Designed and implemented **.NET Core applications** with Hexagonal Architecture, OpenAPI, and MS SQL Service Broker for credit card processing.
- Automated internal document approval processes using **Microsoft Power Automate** integrating MS Teams, Outlook, and SharePoint.
- Integrated third-party APIs for payment processors, **EWallets, EChecks, and cryptocurrencies**.
- Maintenance and improvements for the **MoneyStream** system for deposit and withdrawal operations.

Senior Consultant Development — PTY SYS CORP - Atlantic Security Bank (ASB)

📍 On Site — 📅 May 2015 - December 2016

- Maintained financial applications (ASP.NET, C#, MSSQL).
- Improved **COBIS core banking modules** and BizAgi workflows for investment operations and fee validation.
- Delivered reliable MSSQL reports and batch processes with thorough testing.

Senior Consultant Development — Logic Studio - Canal de Panama

📍 On Site — 📅 February 2014 - April 2015

- Redesigned critical **Canal operations applications** (vessel inspection, pilot assignment, maritime traffic) using .NET Framework, Oracle PL/SQL, and Dojo.

Software Development — Ministerio de Desarrollo Agropecuario

📍 On Site — 📅 January 2012 - March 2014

- Developed **market price systems via SMS** and dashboards in QlikView.
- Built a web application to centralize the HR department attendance management system. (ASP.NET, MSSQL)

Education



Bachelor's Degree — Software Development — Universidad Tecnológica de Panamá — FISC — 📅 2013

- Provided mentoring and tutoring to students in object-oriented programming with Java, C, and C#.

Projects



MoneyStream — OmegaTech

- **Financial deposit/withdrawal system** with Hexagonal Architecture, .NET Core and MS SQL Service Broker.
- Integrated APIs for payment processors, EWallets, EChecks, and cryptocurrencies.

MINSA-SEIS Automation

- Automated **1st-level technical support flows** and bulk Active Directory user creation for the Ministry of Health.
- Built Python CLI tools for mass association of users to health centers in SEIS.

eBay/Amazon Store Manager

- **Inventory management platform** for eBay and Amazon stores with real-time sync.
- Integrated eBay API, order tracking, and automated stock alerts.

Certifications



React.js Essential Training — LinkedIn Learning [🔗](#) — 📅 2024

Advanced C# Object-Oriented Programming — LinkedIn Learning [🔗](#) — 📅 2024

Learning ASP.NET Core MVC — LinkedIn Learning [🔗](#) — 📅 2024

English Certificate Upper B2 — Educational First - EF [🔗](#) — 📅 2024

Awards



Premio a la Excelencia — OmegaTech

- Recognition obtained for outstanding contributions to the team and the organization at OmegaTech Advance Solutions, S.A.

References



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- **Enrique Silva** — Team Leader at OmegaTech — spenrique.888@gmail.com — +507 6151-7323
 - **Maholly Gonzalez** — Quality Engineer at Quest Software — mahollymag@gmail.com — +507 6688-7859