JOHN ALEXANDER TORO CORTÉS

Tech Lead | Full Stack Developer

About me

Tech Lead | Full Stack Developer. Information Security Specialist and Systems Engineer, with over 14 years of experience in software development, programming and custom development covering various technologies that consolidated me as a technical reference.

Leader with experience in planning, designing and maintaining customized solutions to support the fulfillment of corporate strategies that facilitate better decision making.

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🌐 https://www.jatc.co

Languages

- Spanish (Native)
- English (B2)

Experience

- Leadership
- Full Stack Developer
- User experience
- Project management
- Scrum
- DevOps

Experiencia

Law Alexandra
Senior Software Engineer - Tech Lead
2024/03 - Currency

Led the team in charge of creating cross-cutting applications for easy integration and security control.

Zulu Tech
Tech Lead
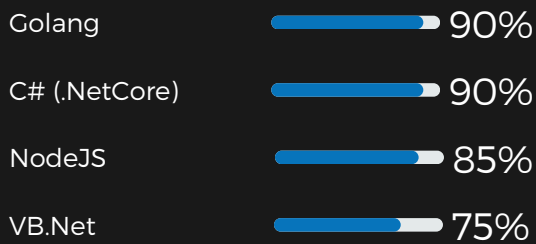**2022/09 - 2023/12 (1 año, 4 meses)**

I led the team that created the B2C platform, allowing people to save in digital dollars (USDC) by integrating with Web 3 and making transfers through Polygon. This project materialized through the use of technologies such as Golang, NextJS and React Native.
Also, I led part of the team that developed the B2B platform, making it easy for companies to transfer funds quickly and transparently. For this project, we used modern technologies such as NextJs, Golang, NodeJS and Terraform.
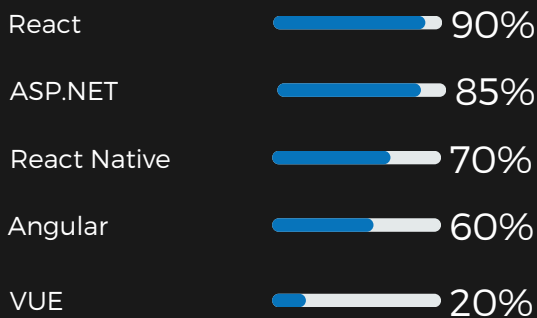
Technologies: React, NextJS, React Native, NodeJS, Golang, BigQuery

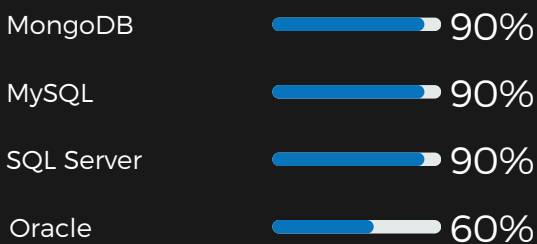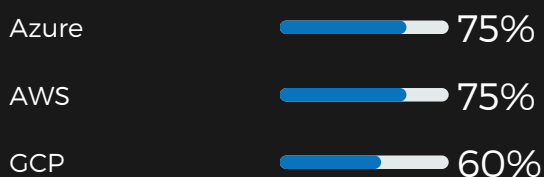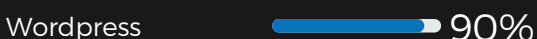**People in charge**: 5 direct, and 4 indirect.

Back Skills

Skill	Level
Golang	90%
C# (.NetCore)	90%
NodeJS	85%
VB.Net	75%

Front Skills

Skill	Level
React	90%
ASP.NET	85%
React Native	70%
Angular	60%
VUE	20%

Database Skills

Skill	Level
MongoDB	90%
MySQL	90%
SQL Server	90%
Oracle	60%

Cloud Skills

Skill	Level
Azure	75%
AWS	75%
GCP	60%

CMS Skills

Skill	Level
Wordpress	90%

Experience

Mercadolibre Ltda.
Sr Software Engineer
2020/10 - 2022/09 (2 years)

I collaborated in the team responsible for the integration of new countries in the validation of KYC (Know Your Customers) using Golang. This system is responsible for validating the documentation of individuals and companies, either automatically or manually. In addition, I participated in an upgrade aimed at improving manual case validation, taking into account suggestions from operators to speed up case handling, reduce errors and improve reliability. This upgrade included the generation of reports and monitoring of cases attended, detailing the time and operator associated with each case.
I also developed an application in React and Golang for the parameterization of rejection messages. This tool allowed a clearer and more accurate configuration, providing users with detailed information on what to do in case of failures during the process.

Technologies: Golang, React, Fury

Indra Company S.A.S
Senior Consultant
2019/09 - 2020/09 (1 year, 1 month)

I actively participated in the development team of the application in charge of calculating the consumption of oil wells for Ecopetrol. This application maps the mathematical model, generating calculations and specific configurations for each well, achieving a remarkable optimization of 60% in terms of savings. This project was carried out using C# and React.
Additionally, I was part of the development team in charge of the maintenance of Ecopetrol's BDP application.

Technologies: React, C#, Azure, SQL

People in charge: 4 direct

Fuse Mobile S.A.S
Senior Back End Developer
2017/05 - 2019/08 (2 years, 4 months)

I was part of the development team of the Alert Zone application, designed for monitoring and issuing general alarms in Australia through mass notifications.
I also collaborated in the development of the application for Hunter Douglas, which allows quotations for curtains with different accessories.
In addition, I was part of the development team of the Easy Payslip payroll application, recognized as the best application in Australia. This application provides tools for companies to generate their Payrolls and manage their employees at a very low cost. All development was carried out using Node.js, React and Android.

Technologies: React, NodeJS, Android, Azure, Couchbase

Intergrupo
Net Development Leader
2011/09 - 2017/04 (5 years, 8 monts)

I was part of the team in charge of designing and implementing the Automatic Debit system for Factoring Bancolombia. We used CP300 and AS400 technologies with integration of payments through digital certificates and efficient handling of transactions, all developed in C#.
Additionally, I developed the integration with telephone operators for the launch of Móvil Éxito in collaboration with Grupo Éxito. This included the management of IMEI's, whitelists and blacklists to ensure optimal performance.
I optimized the database queries for the Éxito points, improving the performance and reliability of the accumulation and discount of these. I also created an application for the Crystal Group to manage labels through the Path Finder, integrating communication through services and ensuring that the application for the client had no limitations. In addition, I developed an application for printing from the server using flat files.

Technologies: C#, SQL, ASP.Net, Xamarin

People in charge: 3 indirect

Inmel S.A.
Platform Administrator - Developer .Net
2010/05 - 2011/09 (1 year, 5 months)

I restructured the initial development created in Asesorías en Sistemas GOD, incorporating new features and improvements to adapt it to the company's work process. I led the implementation in all sites nationwide, providing support to operators and making adjustments to ensure optimal use.
In addition, I managed the administration of servers, including Exchange, Active Directory and the proxy, while providing comprehensive technical support to the company.

Technologies: C#, ASP.Net, Reporting Services

GroupM Colombia
Developer VB.Net
2009/11 - 2010/05 (7 months)

I built the phone directory on the web using ASP.NET and VB.NET for the purpose of internal use. I implemented an independent security scheme for the applications to be integrated in a centralized way. In addition, I developed an application for equipment depreciation calculation with cost integration into the accounting system.
Additionally, I provided technical support to the company and managed backup servers, Exchange, as well as the administration of applications and data.

Technologies: VB.Net, Oracle, SQL, ASP.Net

Asesorías en Sistemas GOD
NET Developer
2008/10 - 2009/11 (1 year, 2 months)

I designed and developed the application for the control of installation orders for Une Telecomunicaciones (now TIGO). The application allows the creation of the order and complete tracking until the installation and / or return of equipment, including inventory management and control of installed and removed equipment. I developed the application in ASP.NET with C# and used a SQL Server database, generating reports through Reporting Services.

In addition, I was part of the team in charge of the installation and/or configuration of servers, proxies and networks, as well as the maintenance of computer equipment.

Technologies: C#, ASP.Net, SQL, Reporting Services

Savia Grupo Tecnológico
PHP Web Developers
2008/04 - 2008/10 (7 months)

I developed a software for digital barter, allowing the exchange in a digital way. I also implemented a general forum; everything was developed using CMS Wordpress, based on PHP with MySQL. I managed to create some of my own plugins to improve the interaction of the platform. In addition, I implemented the company's homepage (brochure).

Technologies: Wordpress, PHP, MySQL

Papiros Centro
Administrator
2006/04 - 2008/04 (2 years, 1 month)

Customer Service
Digitizer
Administrator

Specialization in Information Security
Politécnico Gran Colombiano
2018 - 2019

Systems Engineering
Instituto Tecnológico Metropolitano
2009 - 2014

Information Systems Technology
Instituto Tecnológico Metropolitano
2005 - 2009

Secondary Education
Bachelor in Computer Science: Software Design
Institución Educativa Gilberto Álzate Avendaño
1999 - 2004

Primary Education
Colegio Barrio Santa Cruz
1993 - 1998