



# Sergio Alejandro Vera Mella

Computer Science Engineer

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## Introduction

As a Computer Science Engineer with over a decade of experience as a Full Stack Developer and a Team Leader, I have a solid background in Microsoft's .NET framework, including C#, VB .NET, and SQL Server for database development. Furthermore, I am proficient in a variety of JavaScript frameworks such as React, Next, Astro, and others for creating dynamic and responsive web applications. Additionally, I possess experience with back-end development frameworks like Node.js, enabling the creation of comprehensive and efficient full stack solutions.

## Professional Experience

**2023-06 – 2024-04**

**Vibia**

**Position:**

Front-End Developer

**Work Experience:**

- Front End dynamic web applications development featuring 3D user interfaces with React, using Three.js and React Three Fiber libraries.
- Back End RESTful APIs development with Node-RED low-code platform for fast deploy and intergration.
- Test-Driven Development practices and application to ensure the reliability and robustness of the software.
- Domain-Driven Design principles to design scalable and maintainable solutions.
- Trunk Based Development methodology with CI/CD practices for agile and seamless deployments.
- Pair Programming sessions following Scrum agile methodology, fostering collaborative problem-solving and knowledge sharing.

**2019-03 – 2023-04**

**Larrain Vial S.A. – Corredora de Bolsa**

**Position:**

Full-Stack Developer and Team Leader

**Work Experience:**

- Performing comprehensive project analysis, precise estimation, and efficient task delegation for company projects.
- Front End dynamic web applications development with Microsoft .NET, following MVC pattern, using ASP.NET Razor, C#, Ajax, JQuery and Bootstrap.
- Back End SOAP Web Services and RESTful API development with Microsoft .NET, using C#, Entity, Dapper, Swagger and LinQ.
- High Complexity Stored Procedures development in Microsoft SQL Server.

**2017-06 – 2018-02**

### **Grupo HDI**

**Position:** Computer Science Engineer

**Work Experience:**

- Creation of Automation test with HPE Unified Functional Testing (UFT) and VBScript.
- Development of Automation tests for websites with Selenium using Java.

**2016-06 – 2016-08**

### **Socofin S.A.**

**Position:** Computer Science Engineer

**Work Experience:**

- Migration of FoxPro Services to Windows Services with Microsoft .NET, using C#, VB .NET, LinQ and Crystal Report.
- Migration of FoxPro Procedures to Stored Procedures in SQL Server and Oracle DB.

**2015-10 – 2016-05**

### **Manager Software S.A.**

**Position:** Computer Science Engineer

**Work Experience:**

- Migration of FoxPro Procedures to Stored Procedures in SQL Server.

**2014-06 – 2015-08**

### **Componente Serviex S.A.**

**Position:** Software Developer

**Work Experience:**

- Front End dynamic web applications development with Microsoft .NET using MVC pattern, ASP.NET Razor, C# and VB.NET.
- Back End SOAP Web Services development with Microsoft .NET, using C# and VB.NET.
- Stored Procedures, Triggers, and Views development in Microsoft SQL Server.

## **Education**

**2013 – 2017**

### **Computer Science Engineer**

Santo Tomás Professional Institute. Santiago, Chile.

## **Languages**

- **English**  
Level 2 with 715 points scored (Level C1 in current TOEFL language test) according to TOEIC (Test of English for International Communication) realized by CORFO Corporation in 2007.
- **Spanish**  
Native speaker.