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.
- Comprehensive Unit Testing using Jest along with Test-Driven Development methodology to ensure the reliability and robustness of the software.
- Global State management with Jotai to enhance application performance.
- 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:	Software 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:	Software 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:	Software Engineer
Work Experience:	

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

2014-06 – 2015-08	**Componente Serviex S.A.**
Position:	Full-Stack 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.

Professional 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.