

Matías Cofré

Santiago, Chile

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Software Engineer with expertise in BPMN, project evaluation, and risk analysis. I possess hands-on experience in software development for the financial sector and data analysis within the mining industry. Proficient in technologies such as SQL, Python, and JavaScript, I have developed REST APIs and integrations that optimize processes and enhance system interoperability.

PROFESSIONAL EXPERIENCE

Ara y bustamente consultores

Full Stack Engineer: September 2024 - Present

- Implementation of data flows in Azure with Data Factory, SQL Database, and Blob Storage, integrating local and cloud sources for centralized analysis.
- Development of accounting and tax software in Electron and MySQL for the calculation of taxable income (RLI), VAT (IVA), and other taxes.
- Automation of accounting tasks with desktop applications in C#.NET (WinForms/WPF).
- Design and implementation of REST APIs in Python, connecting systems with external sources such as SII (Chilean IRS), Banco Central (Central Bank), and Defontana.
- Data integration from external APIs, optimizing accounting and tax processes.
- Writing technical documentation and user manuals to facilitate the use and maintenance of the system.

Sodexo Chile

Data Analyst: August 2023 – May 2024

- Automation of occupational analysis processes using Python, SQL, and Power BI, improving efficiency in the evaluation of workers in the mining industry.
- Data cleaning and transformation with Pandas and VBA, reducing report preparation times.
- Development of dashboards in Power BI to visualize medical examination trends and optimize selection processes.

TECHNICAL SKILLS

- Back-end: **Django , NodeJs, Spring Boot, .NET, VBA.**
- Front-end: **React**
- Desktop: **ElectronJS, WPF, WinForms.**
- Databases: **PostgreSQL, MySQL**
- Data Visualization: **Power BI, Advanced Excel.**
- Languages: **English B2**

EDUCATION

Duoc UC • Santiago, Chile - Computer Engineering - **2023-2026**

