

# Diego Rivera Spröhnle

Full Stack Developer

San Fernando - Chile

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<https://my-portfolio-d3r5.vercel.app>

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Full Stack developer with a consolidated track record in various technologies, focused on structuring, developing and maintaining innovative technology solutions. My focus is on driving social development and business success through high-impact solutions. Experienced in areas such as web development, mobile applications, databases, and APIs, gaining solid skills in creating and managing complete systems from frontend to backend, as well as implementing security practices and performance optimization. Committed to ensuring occupational safety and welfare. My adaptability and critical thinking skills are complemented by effective communication skills, allowing me to collaborate productively in multidisciplinary environments and achieve common goals. I seek to continue challenging myself in projects that allow me to merge my technical expertise with my passion for technological and social development, and thus grow personally and professionally.

## PROFESSIONAL EXPERIENCE

### Industrial Automation with Phoenix Contact PLC and IEC languages - SMC

2023- Actuality

Rodotecnica, Santiago, Curicó, Parral, Chile.

- Analysis and design of automation systems using Phoenix Contact PLCs IEC programming language to optimize industrial processes.
- Implementation of automation solutions, from initial planning to commissioning, ensuring efficient equipment integration and optimal system functionality.
- Programming and configuration of PLCs to ensure efficient and accurate operations, ensuring effective connectivity and communication between devices.
- Execution of comprehensive testing and troubleshooting to verify proper operation of automated systems, including optimization of speed, accuracy and process safety.
- Coordination with multidisciplinary teams to ensure compliance with automation objectives, improving efficiency and productivity in industrial environments.

### Computer network installation

2015 - 2024

Private Company, San Fernando, Chile.

- Planning and design of network requirements, number of users, expected traffic, location of access points, routers, switches, and cabling path. Configuración y conexión de dispositivos, manejo de protocolos de red, usuarios, contraseñas.
- Testing and troubleshooting to verify connectivity between devices, speed and quality of connections, as well as to assess network security.

## **Maintenance of electronic equipment and computers**

2015 - 2023

Private Company, Chile.

- Inspection and diagnosis of electronic equipment and computers to identify and resolve hardware and software problems.
- Preventive and corrective maintenance of devices, performing cleaning, software updates, replacement of defective components and performance optimization.
- Training to end users on the proper use of equipment and programs, offering guidance to solve common problems.
- Implementation of computer security measures, including the installation of antivirus software, firewall and safeguarding of sensitive data.

## **Development of Payment Totem Card**

2023

Tododeportes, San Fernando, Chile.

- Direct experience in the development and implementation of electronic payment solutions using the API provided by Transbank.
- Development of programming logic to interact with Transbank services, facilitating communication between the internal system and the payment gateway.

## **PROGRAMMING TECHNOLOGIES:**

**Programming Languages:** Javascript, C, Typescript, Python, Java.

**Frameworks Tools:** ReactJs, ExpressJs.

**Database:** PostgreSQL, MySQL, MongoDB Atlas Sequelize.

**Tools:** Git, Discord, Confluence, Slack, Figma, Trello, Adobe Photoshop, Adobe Lightroom, Excel.

**Agile:** Scrum.

## **PROFESSIONAL EDUCATION**

- Mechatronics Civil Engineering. University of Talca. 2017 (Incomplete)
- Full Stack Web Developer. Henry Bootcamp. 700 hours of theoretical-practical courses. 2023.
- Full Stack Java Trainee – Talento Digital Chile – Fudesco Adalid (in progress)

## **COMPLEMENTARY EDUCATION**

- Python for Data Science. Cognitive Class - IBM. 2023.
- Data Analysis Using Python. Cognitive Class - IBM. 2023
- Various online courses from Udemy, Platzi, Cognitive Class, Coderhouse.

## **LANGUAGES**

- Native Spanish
- English C1 - Advanced.
- Basic German.

## **SKILLS**

- Teamwork - Taking initiative
- Critical thinking – Empathy
- Effective communication
- Order
- Responsible
- Flexibility to change - Creativity and Innovation