

Martin Fraticelli

Electronic Engineer



Personal



Martin Fraticelli



Bs As, Argentina

martinfraticelli@gmail.com

Portfolio

Development Areas

Firmware
Hardware
Front End

Hobbies

Sports (football & tennis)
Travelling
Series and movies
Technology

Education

2023 **Electronic Engineer**
UTN-FRA

2015 **Economy**
Euskal Echea Institute

Programming

Python
C
SQL
React

Languages

Spanish | Native
English | Advanced (FCE)

PROFESSIONAL EXPERIENCE

DEC2022–JUN2025 · Electronic Engineer

GRUPO MIRGOR · Buenos Aires, Argentina

Development for Electric Mobility and IoT Projects

- Selected and technically validated electronic components based on functional and cost requirements.
- Created detailed schematic diagrams using EDA tools.
- Designed and reviewed multilayer PCBs following manufacturing and EMC standards.
- Performed circuit simulations and analysis prior to prototyping.
- Wrote and maintained technical and process documentation.
- Generated technical drawings for manufacturing and assembly.
- Conducted electrical, functional, and environmental testing in lab conditions.
- Diagnosed failures in prototypes and field units, including third-party designs.
- Participated in the definition and execution of Design Validation Plans.
- Created Python-based tools to optimize workflows and internal development processes.
- Maintained and developed internal Java applications.

APR2020–Present · Freelance Developer

INDEPENDENT PROJECTS · Remote

Web Development

- Developed responsive websites using HTML, CSS, Bootstrap, and React.
- Designed and implemented modern, user-centered interfaces.
- Integrated dynamic features and reusable components with React.
- Collaborated with clients to define requirements and deliver customized solutions.
- Development of artificial intelligence agents with n8n.

JAN2019–MAY2020 · Sales

RURAL SANTA FE · Buenos Aires, Argentina

Sales Coordination

- Oversaw the commercial and operational management of assigned sales zones.
- Provided technical support for the sales platform.
- Advised spare parts distributors on products, purchasing processes, and commercial strategies.
- Coordinated with other departments to enhance customer experience and business opportunities.

SKILLS

Embedded Development

• Architecture Design • FreeRTOS • State Machines

Protocols and Standards

• UART • I2C • SPI • CAN • WiFi • BLE • TCP
• UDP • HTTP

Development Tools

• Git • Agile • JIRA • Confluence • GitLab

Front End Tools

• React • Tailwind • HTML • Bootstrap • CSS • Sass