Martin Fraticelli
Electronic Engineer

Personal
Martin Fraticelli
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Development Areas
Firmware
Hardware
Front End

Hobbies
Sports (football & tenis)
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.

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 · HTML · Boostrap · CSS · Sass