Ezequiel Bourlot

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Education

E.E.S.T.R.Q N°7 (IMPA)   Quilmes, Buenos Aires
Technical Degree in Avionics   Graduated: 2025
Projects: "Oib Sleep" – Smart temperature-regulated orthopedic bed using Raspberry Pi and sensors.

Experience

Freelance Web Developer   Remote
Front-End Developer (React, JavaScript, Tailwind CSS)   2022 – Present
- Designed and developed responsive websites using React and Tailwind CSS.
- Created reusable UI components and implemented interactive features.
- Integrated APIs and managed application state with React Hooks.
- Collaborated with clients to transform design ideas into functional products.

Personal Project – Oib Sleep   Quilmes, Buenos Aires
Embedded Systems & IoT Developer   2023 – 2025
- Built a smart mattress temperature control system using Raspberry Pi and Python.
- Integrated temperature sensors, relays, and heating/cooling systems.
- Designed an LCD interface to display mattress and ambient temperature.
- Programmed automation logic to adjust temperature based on sleep stages.

Leadership & Activities

Technology Club – E.E.S.T.R.Q N°7   Quilmes, Buenos Aires
Member / Project Contributor   2022 – 2025
- Participated in innovation fairs and technical exhibitions.
- Supported classmates with guidance on Arduino and Raspberry Pi programming.
- Contributed to collaborative school engineering projects.

Skills & Interests

Technical: Python, JavaScript, React, Tailwind CSS, HTML, CSS, Git, C++, microcontrollers, RTOS.
Language: Spanish (Native), English (Intermediate–Upper Intermediate).
Laboratory: Electronics testing, soldering, component calibration.
Soft Skills: Agile and Scrum methodology, Team Work, Communication, creativity.
Interests: Web UX/UI design, front-end development, creative coding, 3D web design, Remote Working.

Certifications

First Certificate in English (B2) – Cambridge University Press   2024
Diplomatura UX/UI – Universidad Tecnológica Nacional (UTN)   2025 (in progress)
RTOS Certification – Universidad Tecnológica Nacional (UTN)   2025