

Luis Enrique Fernandez

Electronic Engineer · Software Developer

CONTACT

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sienova.app
Upwork (sienova.app)

SKILLS

Web: Next.js, React, TypeScript, Node.js, HTML / CSS, Tailwind CSS
Data: PostgreSQL, MySQL, MongoDB, Prisma ORM, Excel · Power Query
Systems: C++, C# / .NET, CUDA, Linux, Image processing (basic)
Languages: Spanish (native), Advanced English

PROFILE

Electronic engineer from PUCP with over ten years building software: industrial automation in C++, databases and complete web applications in production. I design clear, secure and maintainable systems, from idea to launch.

EXPERIENCE

Software Developer 2021 – Present
Water utility company (Lima)

I lead the design and development of a real-time client-server web system with Node.js, React and PostgreSQL (Prisma). It covers customer intake, automatic certificate generation and traceability, cutting service times. Won first place for best idea in 2022.

Applications Analyst Engineer 2013 – 2017
Mine Sense Solutions

Network and database solutions alongside the IT team at a mining operation, plus CAD component design for the product.

Project Engineer 2012 – 2013
Siscode

Developed industrial automation software in C++ for Linux and Windows, and a tracking system with a database, charts and statistics.

OWN PRODUCTS

Skoluna — Multi-tenant SaaS platform for private schools in Peru (skoluna.pe).

Vitricart — SaaS platform for online stores of small Peruvian businesses (vitricart.com).

EDUCATION

Electronic Engineering 2006 – 2014
Pontificia Universidad Católica del Perú

Front-end & Back-end Specialization 2024 – 2025
Pontificia Universidad Católica del Perú

ARM Microcontroller Programming 2022
Pontificia Universidad Católica del Perú