Lendy Abel Sánchez Vázquez

Fullstack Developer | Electrical Engineer

Professional Profile:

Frontend Developer with a background in electrical engineering and strong analytical skills. Self-taught in modern web technologies including React, JavaScript, HTML, CSS and MongoDB. Experienced in building responsive web applications and solving real-world problems through code. Combines technical accuracy from the engineering field with creativity and user-focused design from web development.

Contact:

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Skills:

Technical:
- HTML5, CSS3, JavaScript (ES6+)
- React, React Router
- MongoDB (básico)
- Git, GitHub, Vite, EmaiLJS
- Responsive Design, Form Validation

Engineering & Other:
- AutoCAD, Catia, DraftSight, MATLAB, C, C++, TIA Portal, STEP 7, Dmelect, Dialux, Daisalux, Rapsody, E-Design, Simaris

Soft Skills:
- Teamwork
- Analytical and synthesis skills
- Proactivity and problem solving
- Adaptability to dynamic environments

Languages:

- English: Level B2
- German: Level A2

Awards:

- Ibero-America-Asia International Scholarship (2018-2020)
- "Best Published Article" Award in the "CENTRO AZUCAR" journal

Web Development Training & Projects:

Training:
Full-Stack Web Development with JavaScript - *University of Helsinki* (In progress)
Comprehensive program covering modern frontend and backend development using JavaScript, React, Node.js, and REST APIs. Emphasis on writing clean code, testing, and version control with Git.
JavaScript Algorithms and Data Structures - *FreeCodeCamp* (March 2025)
Mastered fundamental algorithms, recursion, and data manipulation using JavaScript. Built a solid base in ES6+, functional programming, and problem-solving.
Responsive Web Design - *FreeCodeCamp* (December 2024)
Designed mobile-first responsive layouts using HTML and CSS. Gained strong understanding of Flexbox, Grid, accessibility, and web standards.
Projects:
Hostal Web Desing - *React, EmailJS, Google Maps API, CSS Modules*
Developed a fully responsive website for a hostal, featuring: Dynamic image gallery with smooth transitions and navigation by room. Interactive Google Map modal showing location with marker. Custom reservation form integrated with EmailJS. Calendar date picker and dynamic state updates via React Hooks. Clean, modular UI with responsive layout and accessibility features

Professional Experience:

Industrial Technical Sales Engineer
Cadielsa Group | Valladolid | March 2022 – Present
Provided comprehensive technical support to clients in low voltage and electrical protection systems. Develop customized commercial strategies, enhancing the loyalty of key clients.
Electrical Engineer
Alpha SYLTC Engineering SPL | Valladolid | August 2020 – February 2022
Engaged in and executed low, medium, and high voltage projects. Designed electrical schematics, including photovoltaic basic projects.
Electrical Sales Engineer
Siemens S.A. | Valladolid | January 2020 – March 2020
Provided technical and commercial support for medium and low voltage projects, utilizing electrical panel configuration tools. Collaborated in the preparation and technical analysis of proposals for clients.
Master's Internships in Industrial Electronics and Automation
Cartif Technology Centre | Valladolid | September 2019 – December 2019
Developed and programmed automation and control systems utilizing microcontrollers. Created a prototype of an intelligent electric rollator.
Specialist A in Power Plant Operations
EMGEF | Ciego de Ávila, Cuba | September 2017 – August 2018
Oversaw the maintenance and operation of equipment at the generation facility, improving operational efficiency. Implemented corrective measures to enhance processes and minimize downtime.

Education:

Master's in Industrial Electronics and Automation
University of Valladolid | Spain | September 2018 - July 2020
Master's Thesis: Creation of modules for the development of an intelligent rollator.
Bachelor's Degree in Electrical Engineering.
"Marta Abreu" Central University of Las Villas | Cuba | 2012–2017
Bachelor's Thesis: Modification in the electric grid of Villa Clara Province due to connection of the future bioelectrics.

Supplementary training.

- Advanced Course for Senior Supervisors, Cycle 1 | 2017
- Basic Course for Senior Supervisors and Operators | 2017
- Social Problems Forum on Ethics and Its Connection to Electrical Engineering | 2015
- Project on the Electric Generation Process of the UEB Sugar Central Washington | 2015