Jose A. Zuñiga Vargas

Mechatronic Engineer / Web Developer
Portfolio Website: joro0.github.io/Portfolio/

Mechatronics Engineer graduate with a bachelor's degree from Universidad Peruana de Ciencias Aplicadas (UPC) with a passion for software development and a focus on frontend and backend technologies. Skilled in problem-solving, analytical thinking, and continuous learning, with experience adapting engineering principles to programming challenges. Proficient in English and committed to building scalable, user-friendly applications. Seeking to bring creativity, technical expertise, and a proactive approach to a dynamic web development team.

Skills

- JavaScript, Html, Css
- TypeScript
- React.js, Angular, Vue
- Next.js
- Bootstrap
- Tailwind
- Django
- Express.js

- Figma
- Three.js / ThreeFiber
- RESTful APIs
- JQuery
- SASS
- Redux
- Scrum
- AWS, Azure

- Git / GitHub
- Node.js
- MySQL
- C, C++, C#
- .NET
- Python
- Maven
- Java

Experience

Independent Web Development Project
Freelance for accountant of Falabella
January 2024 – February 2024

- Created a web application with JavaScript, HTML, and CSS to automate accounting data processing.
- Developed a lightweight web app to automate reconciliation of monthly accounting reports using SKU comparisons.
- Implemented logic to extract and match codes from inconsistent product descriptions.
- Reduced a 10-hour manual task to 5 minutes.
- GitHub: https://github.com/Joro0/SKU-Verifier

ICT Intern (Information and Communications Technology Department)
Transportes Zuñiga SRL
January 2024 – December 2024

- Designed and built the company website using React, ensuring mobile responsiveness.
- Automated maintenance tracking with Python tools integrated with Excel spreadsheets.
- Collaborated across departments to improve digital documentation processes and IT system efficiency.
- Gained experience working in technical environments, applying problem-solving skills to support IT systems and infrastructure.

Education

Bachelor's Degree in Mechatronic Engineering
Universidad Peruana de Ciencias Aplicadas, Lima
2016 – 2024

- Belonged to the top third.
- Relevant coursework: C, C++, Python, Algorithms, Data Structures, Logic Circuits, Artificial Intelligence, PLC Programming, Control Systems
- Capstone project: Portable 3D Concrete Printing for Laboratories to Analyze Printable Mixtures

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Responsive Web Design Certification
freeCodeCamp, United States
August 2023

- Certification: https://www.freecodecamp.org/certification/Joroo/responsive-web-design
- Notable topics: HTML, CSS, Flexbox, Grid, Transform, Overflow, Pseudo-selectors

The Complete 2024 Web Development Bootcamp
Udemy, United States
August 2024

- Certification: https://ude.my/UC-132fa361-f6fe-46c0-b336-76fba91e7d8f
- Notable topics: Advanced HTML, CSS, JavaScript, Node.js, APIs, SQL, React.js

Front End Development Libraries
freeCodeCamp, United States
December 2024

- Certification: https://www.freecodecamp.org/certification/Joroo/front-end-development-libraries
- Notable topics: Bootstrap, jQuery, SASS, React, Redux, React and Redux

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