Javier Montaño Rodríguez

Location: Guadalajara, Jalisco, México

Portfolio | LinkedIn | GitHub |

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ABOUT ME

Engineer with a Bachelor's degree in Mechatronics and FullStack Developer experienced in Javascript, NodeJS, React, C++. I love to automate all kinds of processes to make life easier. Currently looking to work at a company with high values and ethics to to widen my scope of knowledge.

TECHNICAL SKILLS

Languages	:	JavaScript, TypeScript, Python, C++
Frameworks	:	React.js, Angular, Express, Node.js
Libraries	:	Redux, React Router, Material UI, Tailwind CSS, Bootstrap, Chakra UI
Databases	:	MongoDB, PostgreSQL
Dev Tools	:	Visual Studio Code, Git, Postman, Docker

EXPERIENCE

Simulator development support   Feb 2021 – May 2021

Consultoría Aeronáutica Integral S.A. de C.V.   *Remote*

- Investigation of theory, design and intellectual property registration
- Document experiment logs.
- Generate experimental design of simulator.

EDUCATION

Universidad del Valle de México   Feb 2017 – June 2021

Bachelor of Mechatronics Engineering   *GPA: 3.3*

Henry

FullStack Developer BootCamp   *Sep 2022 – Feb 2023*

PROJECTS

NovaTech (E-Commerce)   *React.js, Redux, NodeJs, PostgreSQL, Material UI, Express, Socket.IO*   Source Code

- Group chat in real time.
- PDF invoices.
- Real-time PUSH notifications.
- Third party authentication with Google.
- Dashboard with real-time graphics.
- Ability to make a user root user.
- Payment gateway with PayPal.
- Native application for Android.

Design and Simulation of a SCARA Robot   *Matlab/V-Real Build/Simulink, Solidworks*   Source

- Calculated direct and inverse kinematics.
- Trajectory generation.
- Dynamic model.
- Mechanical model.
- Analog controller.
- Virtual reality simulation.