

Javier Montaña Rodríguez

[Portfolio](#) | [LinkedIn](#) | [GitHub](#) |

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ABOUT ME

Engineer with a Bachelor's degree in Mechatronics 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	: Material UI, Redux, React Router, Tailwind CSS, Bootstrap, Chakra UI
Databases	: MongoDB, PostgreSQL
Dev Tools	: Visual Studio Code, Git, Postman, Docker

EXPERIENCE

Simulator development support <i>Consultoría Aeronáutica Integral S.A. de C.V.</i>	Feb 2021 – May 2021 <i>Remote</i>
<ul style="list-style-type: none">Investigation of theory, design and intellectual property registrationDocument experiment logs.Generate experimental design of simulator.	

EDUCATION

Universidad del Valle de México <i>Bachelor of Mechatronics Engineering</i>	Feb 2017 – June 2021 <i>GPA: 3.3</i>
Henry <i>FullStack Developer BootCamp</i>	Sep 2022 – Feb 2023

PROJECTS

NovaTech (E-Commerce)	<i>React.js, Redux, NodeJs, PostgreSQL, Material UI, Express, Socket.IO</i>	Source Code
<ul style="list-style-type: none">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	<i>Matlab/V-Real Build/Simulink, Solidworks</i>	Source
<ul style="list-style-type: none">Calculated direct and inverse kinematics.Trajectory generation.Dynamic model.Mechanical model.Analog controller.Virtual reality simulation.		