



ALEJANDRO AGUILAR

MECHATRONICS ENGINEER & FULL STACK DEVELOPER

Mechatronics Engineer with training in web development and a specialization in robotics. Seeking opportunities to expand my skills. Proactive worker, always willing to work and collaborate with others to achieve success. Experienced in various technological areas including automated robotic systems, computer systems, and web applications.

SKILLS

- CAD, MATLAB, PLCs, SCADA, CNC.
- Mechanical Systems, Control Systems, Automation.
- Circuit Design and Analysis, Power Electronics.
- HTML, CSS, JavaScript, React, Node.js, Express, TypeScript, Tailwind, PostgreSQL, AI Technologies.
- Analytical Mindset
- Problem-Solving Personality
- Communication Skills
- Adaptability
- Work Ethic
- Time Management
- Commitment

LANGUAGES

- English C1
- Spanish (Native)
- Russian A1

CONTACT

✉ almedina1601@gmail.com

 [LinkedIn](#)

 [Github](#)

 [Portfolio](#)

WORK EXPERIENCE

Academlo

05/2024 - 06/2024

Booking App Project w/React

- Application where the user has to register in order to reserve a room in a preferred hotel
- Design was created using CSS and Tailwind and TS for all the logic.
- Consumes an API of famous hotels in the world.
- Once the user is registered, he's allowed to create reservations.
- Redux, Routers, reac-hook-form, typescript, axios and tailwind.

Giles Construction

03/2022 - 03/2024

Electrician and HVAC systems Technician

- Installation, repair, and maintenance of residential electrical equipment.
- Electrical wiring according to county regulations.
- Perform electrical installations of residential and multifamily buildings.

Safe Martin Training

01/2016 - 07/2019

Systems Maintenance Technician

- Wrote, modified, integrated and tested software code.
- Identified technical problems, process and possible solutions.
- Prepared reports, manuals and other documentation.
- Maintained existing computer programs by making modifications as required.

EDUCATION

ACADEMLO

03/2024 - PRESENT

Full Stack Web Development & Computer Science

National Research Lovachevsky State Univeristy of Nizhny Novgorod

03/2024 - PRESENT

Preparatory Programme in Russian Language

National Technological Institute of Mexico

2011 - 2015

Mechatronics Engineer