CONTACT

✉ alejandrorach08@gmail.com

📞 +52 867 298 92 49

SKILLS

Programming

Software & Web Development

Databases Management

UX/UI   Web & App Design

Electronics   Robotics

Microcontrollers

Project Management

Graphic Design

3D Modeling

Industrial Design

Team Collaboration

Problem Solving

Critical thinking

Troubleshooting

SOFTWARE

Python   JavaScript

C++   React   HTML5

CSS3   VS Code   Git

Cursor   Figma

Adobe Suite   SolidWorks

AutoCAD   Blender

Microsoft Office

Alejandro Ramirez

Mechatronical Engineer

👤 ABOUT ME

I'm a 31-year-old multi-disciplinary engineer passionate about technology and design. With a solid background in mechatronic engineering, programming and diverse experience in web and software development, product design, and 3D modeling.

💼 EXPERIENCE

Full Stack Engineer at 8nergy | 2024 - 2025

- Conceptualize, design, and optimize digital interfaces, websites, and mobile applications.
- Program and design products.

Product Designer at Sweetman Tech | 2023 - 2024

- Lead and develop software projects from inception to completion .
- Maintain software applications and websites.

Manufacturing Engineer at Rheem NL | 2018 - 2022

- Lead and implement Engineering changes to products.
- Create, check, and update detailed 3D and 2D designs of products and their BOMs.
- Create and maintain product documentation.

🎓 EDUCATION

Mechatronical Engineer at UTNL | 2014 - 2018 |

Specialized in automation, programming, and control systems. Developed skills in programming, electronics,3D design and software engineering.

IT Technician at CBTIS 137 | 2012 - 2014

Focused on software development, network administration and hardware maintenance.

🈯 LANGUAGES

Spanish: Native — English: B2