

# Alexis Torruco

Full Stack Developer (Backend-focused) | Node.js | NestJS | React | PostgreSQL  
Jalisco, México | Phone: [+52 937 139 1942](tel:+529371391942) | Email: [altorruco@hotmail.com](mailto:altorruco@hotmail.com)  
LinkedIn: <https://www.linkedin.com/in/alexis-torruco> | GitHub: <https://github.com/AlexisTorruco>

---

## PROFESSIONAL SUMMARY

Full Stack Developer with a backend focus, specialized in **Node.js**, **TypeScript**, and **NestJS**, with experience developing APIs and integrating frontend applications.

Experience building full stack applications using **React**, **HTML**, **CSS**, and **PostgreSQL** databases.

Mechatronics Engineer with experience in production systems, bringing strong debugging and problem-solving skills.

## TECHNICAL SKILLS

- Backend: Node.js, NestJS, TypeScript
- Frontend: React, HTML, CSS, JavaScript, Vite (basic knowledge of Next.js)
- APIs: REST, API design, Swagger, Postman
- Databases: PostgreSQL (pgAdmin, Supabase)
- ORM: TypeORM (Prisma – learning)
- Debugging & Troubleshooting
- Git & Version Control
- Software Development Life Cycle (SDLC)
- Agile Methodologies (Scrum) & Task Management (Trello)

## PROJECTS

### Full Stack Developer – CleanGo

Nov 2025 – Dec 2025 | Academic Project (Henry Bootcamp)

Marketplace platform for service booking and management, developed using agile methodologies and deployed to production.

- Design and development of backend architecture using Node.js, TypeScript, and NestJS
- Development of REST APIs and integration with a React-based frontend
- Implementation of authentication (JWT), user management, and business logic
- Integration of PostgreSQL database using TypeORM
- API endpoint documentation using Swagger
- Implementation of email notifications (Nodemailer) and file storage (Supabase)
- Deployment of backend on Render and frontend on Vercel
- Debugging and issue resolution in frontend-backend integration

**Tech Stack:** Node.js, TypeScript, NestJS, React, PostgreSQL, TypeORM, Supabase, Swagger, Git, Render, Vercel

**Demo:** <https://cleengo-front-one.vercel.app/>

### Backend Developer – E-commerce API (NestJS)

Sep 2025 | Academic Project (Henry Bootcamp)

- Development of REST API for an e-commerce system
- Definition of entities, relationships, and business logic
- Endpoint validation using Swagger and Postman

**Tech Stack:** NestJS, TypeScript, PostgreSQL, TypeORM, Swagger

## PROFESSIONAL EXPERIENCE

### Service Engineer – Vectralis Engineering

Sep 2021 – Apr 2025

- Remote and on-site technical support for functional testing systems in electronics and automotive manufacturing environments
- Log analysis and system behavior evaluation to diagnose recurring failures
- Troubleshooting of hardware and software issues in production environments
- Implementation of test sequences in NI TestStand based on customer specifications
- Application of conditional logic and validation structures in automated testing
- Collaboration with engineering teams for debugging (C/C++, .NET, Python)
- Technical communication with international clients (Flex, Jabil, Continental, Schneider)
- Ticket tracking and issue follow-up
- Internal and customer status reporting
- Technical documentation and equipment manuals creation
- Training production staff on equipment usage and interfaces

### Bilingual Technical Support Agent – Teleperformance

Oct 2020 – Aug 2021

- Customer support and technical assistance in a remote (home office) environment
- Incident diagnosis, service activation, and billing issue resolution
- Communication in English with customers and internal teams

### ICT Testing Intern – Sanmina

Mar 2019 – Dec 2019

- Support for ICT systems in production environments
- Failure diagnosis and differentiation between real failures and false rejects
- Collaboration with electrical diagnostics teams
- Documentation of results and production reports

## EDUCATION

- **Full Stack Web Developer (Backend Specialization) – Henry Bootcamp.** *May 2025 – Jan 2026*
- **Bachelor's Degree in Mechatronics Engineering.** *Sep 2013 – Mar 2018*

## ADDITIONAL EDUCATION & CERTIFICATIONS

- [EF SET English Certificate](#) – B2 Upper Intermediate (Jan 2026)
- [Full Stack Developer Certificate](#) – Henry (Jan 2026)

## LANGUAGES

- Spanish: Native
- English: B2 – Upper Intermediate (EF SET)