

Alexis Torruco

Backend Developer | Node.js | TypeScript | NestJS | PostgreSQL | RESTful APIs
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PROFESSIONAL SUMMARY

Backend Developer specialized in **Node.js**, **TypeScript**, and **NestJS**, with experience in developing **REST APIs** and scalable backend services.

Engineer with **over 4 years of experience** in technical and production environments, focused on **debugging**, system analysis, and solving complex problems.

Experience working with **PostgreSQL**, **API documentation** (Swagger), **authentication**, and **backend service deployment**. Strong ability to learn quickly and adapt to new technologies.

TECHNICAL SKILLS

- Backend: Node.js, NestJS, TypeScript
- 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

Backend Developer – [CleenGo](#) (Bootcamp Project)

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

Marketplace platform for hiring and managing services, developed using Agile methodologies and deployed in production.

- Design and development of the backend architecture for a marketplace platform
- Development of REST APIs using Node.js, TypeScript, and NestJS
- 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 on Render and integration with frontend
- Error handling and debugging during testing and deployment

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

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

- Technical support for telecommunications services (internet, phone, and TV)
- Troubleshooting and issue resolution using internal tools
- Account management, incidents, and billing support
- Customer support in English under high-pressure environments

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 Development (Backend focus) – Henry Bootcamp.** *May 2025 – Jan 2026*
- **Bachelor's Degree in Mechatronics Engineering.** *Sep 2013 – Mar 2018*

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 Certified)