

# David Olivo

"Fullstack Developer"

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Portfolio: <https://davidoar15.github.io/Portfolio/>

GitHub: [Davidoar15](#)

Fullstack Developer and Information Systems Engineering student at UTN. Experienced in both Front-End and Back-End development using technologies such as JS/TS, React/Redux, Node.js, Express.js, PostgreSQL, and MongoDB. Knowledgeable in agile methodologies, GIT, data structures, algorithms, and various frameworks. I am committed, responsible, empathetic, resilient, and honest.

## EXPERIENCE:

### BACKEND PROGRAMMER – EXTRIMIAN (Engineering Sector)

August 2024 – April 2025 (9 months)

Extrimian is a technology company specializing in the development of digital solutions and products using Web3 and blockchain technologies, with the primary goal of revolutionizing the ease of implementing Self-Sovereign Identity (SSI). I worked on:

- Continuing development and maintenance of an internal product (SSI API) using TypeScript, Node, Nest, Redis, MongoDB, and Jest.
- Developing a new feature for the creation of DIDs (Decentralized Identifiers) that allows redirection to a client-owned verification endpoint with the DID information.
- Implementing Redis for cache storage, configured to transfer the data to MongoDB after a set time, optimizing performance, latency, and persistence.
- Building a process for the creation and delivery via email of a verifiable credential for passing the SSI Aptitude Exam from Extrimian Academy.
- Researching potential vector databases to use and assist in the implementation of a proprietary AI agent to improve products and internal processes (Python/LangChain).
- Investigating ISO standards, specifically ISO/IEC TS 18013-7:2024 on Personal Identification, to implement within the SSI API.
- Participating in meetings to clarify client doubts regarding the use of the services provided.
- Reporting progress in daily meetings related to assigned tasks.
- Reviewing, improving, and documenting the code to ensure maintainability and scalability of the repositories.

### FRONTEND WEB DEVELOPER – PELOM APP

April 2024 – June 2024 (3 months)

#### Internship

Contributed to enhancing the PELOM web application, a cutting-edge digital service that improves customer service in restaurants, cafes, and bars. Activities:

- Work with a multicultural team, using English as the language of communication.
- Read documentation about the project's Structuring, Workflow, Branch Creation, and Pull Requests to understand the code.
- Setting up the project locally using Ubuntu and Docker.
- Enhance customized error pages (404, 401, 500) with multilingual support.
- Enable Google Maps links given an address.
- Implementing and resolving issues related to the design of various application views.

### FULLSTACK WEB DEVELOPER – NESTIFY PLATFORM

February 2024 – March 2024 (3 months)

#### Internship

Collaborated on developing the Nestify platform, focused on entrepreneurship and development for freelancers by offering courses, bootcamps, mentorship, and personalized guidance. Activities included:

- Create Mentorships Model for MongoDB Database.
- Create GET, POST, PUT and DELETE routes for CRUD Mentorships, using JS, Node.js and Express.
- Assisting in refactoring back-end routes and controllers.

- Managing the implementation and flow of Stripe as the payment gateway for purchasing products/services on the platform, including sending a confirmation email to users via Nodemailer, from front-end to back-end.
- Participate in the design and logic of various React components using JavaScript and SASS.
- Be present in the Daily meetings, reporting completed tasks, and demoing progress at week's end (Scrum methodology).
- Debug code and investigate relevant information to use (APIs, Documentation, etc).

## PROJECTS:

### FULL STACK WEB DEVELOPER – PRODELEVATE

July 2023 – August 2023 (1 month)

#### Professional Practice

Developed a web system for product management, administration, and online sales. The platform provides a robust, efficient solution enabling users to manage products, conduct sales, control inventory, and deliver a seamless shopping experience. Contributions:

- Model and build the platform's Database using Sequelize and PostgreSQL.
- Create GET, POST, PUT and Delete routes for CRUD operations on Products, Users, Providers and Categories, using JavaScript, Node.js and Express.
- Implement User Local Authentication from both the Back and Front end using passport.
- Creation of informative platform components: About Us, Privacy Policy, Terms & Conditions.
- Achieve responsive design.

Presentation: <https://www.youtube.com/watch?v=ohP9JcM9b-8>

### FULL STACK WEB DEVELOPER – DISCORD CLONE

September 2023 – October 2023 (1 month)

#### Self-taught experience

Designed and developed a Discord clone replicating key functionalities, including:

- Authentication with Clerk and real-time messaging using Socket.io.
- Real-time deletion and editing of messages for all users.
- One-to-one video calls.
- Sending file attachments using UploadThing.
- Managing members (kicking, role changes between guest/moderator).
- Generating unique invitation links and implementing an invitation system.
- Infinite scrolling of messages in batches of 10 using Tanstack Query.
- Creating and customizing servers.
- Crafting an intuitive user interface with Tailwind CSS and ShadcnUI, including light/dark mode.
- Utilizing Prisma as the ORM and PlanetScale as the database.

**Front – End:** Next.js Client, TypeScript, React, Tailwind.

**Back – End:** Next.js Server, TypeScript, Socket.io, Prisma, MySQL.

**Repository:** <https://github.com/Davidoar15/Discord-Clone>

## TECHNOLOGIES:

- **Programming Languages:** JavaScript, TypeScript, Python, JAVA, C++, Ruby.
- **Frameworks Tools:** React, Vue, Node.js, Express, Sequelize, Next.js, Ruby on Rails, Nest.js.
- **Database:** PostgreSQL, MySQL, Prisma, MongoDB, Redis.
- **Tools:** Git, Docker, Slack, Discord.

## PROFESSIONAL EDUCATION:

- Full Stack Web Developer. Henry Bootcamp. 4 months of theoretical and practical coursework. 2023.
- 4th Semester of Systems Engineering. National Open University, Venezuela. 2021 – 2023 (Not completed due to migration).
- 2nd Level in Information Systems Engineering. UTN, Argentina. 2024 – Present.

## LANGUAGES:

- **English B2** – Upper Intermediate: [Document](#)