Maximiliano T. Gomez FullStack Developer

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portfolio-maxigomez5431s-projects.vercel.app

A 22 years old Fullstack developer focused on building solutions with React, TypeScript, and Tailwind, specialized in backend development with NestJS. Currently completing the thesis for the University Technician Degree in Programming at Universidad Nacional de Hurlingham, with a cumulative GPA of 9.11.

PROFESSIONAL EXPERIENCE

Lummin   **Buenos Aires, Argentina**
FullStack Developer   *March 2024 – February 2025*

Lummin is a web development agency that creates custom websites and applications for clients across various sectors, from startups to established businesses.

Key Responsibilities:

- **Frontend:** Built multiple pages using React, Next.js, and Tailwind CSS; collaborated on designs and interactive prototypes in Figma.

- **Backend:** Developed various endpoints in Node.js and NestJS; defined schemas and queries in MongoDB and PostgreSQL.

- **Front–Back Integration:** Documented APIs with Swagger and generated TypeScript clients with Orval, ensuring secure, typed integration between front and back ends.

- **Deployment:** Containerized multiple services using Docker and Docker Compose, orchestrating development, staging, and production environments.

- **Workflow:** Maintained a clean GitHub repository by organizing branches, pull requests, and CI pipelines for automated testing and deployments.

- **Quality & Monitoring:** Conducted code reviews and wrote unit and integration tests, achieving 85% test coverage.

Technologies:
React · Next.js · TypeScript · Tailwind · Node.js · Nest.js · Express · MongoDB · PostgreSQL · Docker

Reference:
Lucas Galarce – Tech Lead
galarcelucas@gmail.com - +54 9 11 3670 6949

EDUCATION

UNIVERSIDAD NACIONAL DE HURLINGHAM   **Buenos Aires, Argentina**
University Technician Degree in Programming   *2024 - Present*
This program combines solid foundations in algorithms, logic, and data structures with practical training in object-oriented development, databases, and user interface design. Currently working on my thesis, focusing on scalable solutions and software engineering best practices .

CENTRE OF EXCELLENCE IN INFORMATION TECHNOLOGY   **Buenos Aires, Argentina**

[JavaScript Course](#)   *2023 - 2024*

Deepened knowledge of DOM manipulation, event handling, and asynchronous programming to build dynamic, responsive web applications.

[Oracle Course](#)

Gained experience in Oracle database design and administration, including stored procedures, PL/SQL, and transaction control in enterprise environments.

[PostgreSQL Course](#)

Designed and optimized relational database schemas, implemented stored procedures, and managed transactions to ensure data integrity and performance.

[Project Manager Course](#)

Developed skills in project planning, tracking, and risk management using Agile methodologies (Scrum/Kanban) to deliver projects on time and within budget..

SKILLS

Main Stack (3 years of experience)

Frontend: HTML, CSS, JavaScript, TypeScript, React y Tailwind.
Backend: Node.js, Nest.js, Swagger, Orval

Also, I have experience in UX/UI design using Figma and deploying containers with Docker.

LANGUAGES
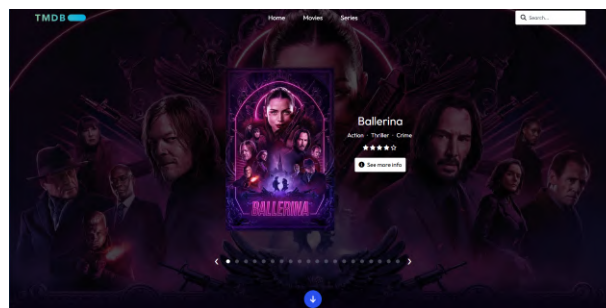
Spanish: Native
English: Advanced C1
[Certified by EF (Education First)](#)

PROJECTS

[The Movie DataBase Explorer](#)

A web application that uses the TMDB API to explore movies and series. Features advanced search, genre filters, and detailed information. Created to practice API integration and responsive design.

Stack: React, Tailwind

ONGOING PROJECTS

Final Thesis – University Technician Degree in Programming

[Backend Repository](#) - [Frontend Repository](#)

Developing a system for managing and monitoring corporate trips. Actively involved in building the backend, implementing a complete endpoint structure with filters, pagination, custom validations, and automated tests.

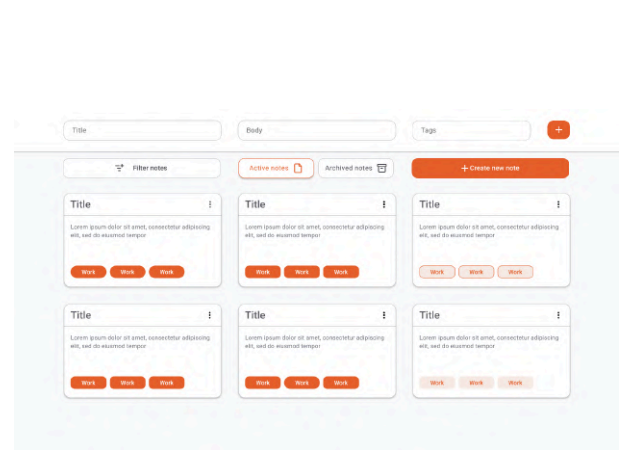**Stack**: Node.js, Nest.js, Mongo Atlas, Swagger, Orval

Notes App (Dockerized)

Full stack application for creating, deleting, editing, filtering, and archiving notes. Built modularly and fully containerized for easy deployment in any environment. Includes CRUD operations, logical archiving, dynamic filters, and efficient state management.

Frontend: React · Vite · Tailwind CSS

Backend: NestJS · TypeORM · PostgreSQL

Multiplayer Tic-Tac-Toe

Backend Repository - *Frontend Repository*

Real-time web application allowing two players to create or join a room to play classic Tic-Tac-Toe. Uses WebSockets for bidirectional communication to synchronize game state on both clients.

Frontend: React, Vite, Tailwind CSS

Backend: Node.js, Socket.IO