

Tomas Madariaga

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I am Tomas Madariaga, a fullstack developer from Coronel Dorrego, Argentina. I have a portfolio of web projects that reflect my passion for development and my commitment to continuous learning. My goal is to grow professionally in the field of development, bringing value through my dedication and technical skills.

PROFESSIONAL EXPERIENCE

Shortener
URL shortener

Coronel Dorrego, Argentina
April 2024 - Present

- I developed the server logic using Node.js and Express to handle URL shortening requests and track visits. I configured the server architecture to ensure efficient data and connection management.
- I used React to create an intuitive user interface that allows users to generate short links and view visit statistics. I implemented reusable components to improve code maintainability.
- I designed and managed the MySQL database to store shortened links and their corresponding visit data. I optimized SQL queries to ensure fast and efficient access to information.
- I configured the system to track and count the number of visits to each shortened link, providing users with real-time statistics.

Password Generator
Random password generator

Coronel Dorrego, Argentina
July 2024 - Present

- I used NestJS to develop the server logic for secure password generation. I designed and structured the system following principles of modularity and scalability.
- I implemented the user interface using React, allowing users to generate passwords with customized parameters. I created reusable components and maintained a clean and user-friendly interface.
- I configured and managed the MySQL database to store customized password generation settings. I optimized queries and ensured efficient data management.
- I incorporated advanced options for password customization, such as length, use of special characters, and other criteria, ensuring the generation of secure and reliable passwords.
- I conducted thorough testing to ensure the system generated secure and unique passwords. I optimized system performance to handle multiple requests without compromising security.

EDUCATION

Fullstack Development Course
CEPIT / Globant

Coronel Dorrego, Argentina
February 2022 - December 2023

Node + Typescript Course (Instructor: Alejandro Lora)
Udemy

Argentina
March 2023

ADDITIONAL SKILLS

- JavaScript, TypeScript, ReactJS, NodeJS, Express, PrismaORM, NestJS, TypeORM, SQL, Git, Docker
- Intermediate English, Native Spanish