# FERNANDO NAHUEL TUQUINA

Engineering student | Tech Lead | Backend developer

📍 Tucumán - Argentina

✉ fernandotuquina@gmail.com

📞 +54-381-356-9471

## SOCIAL

🔗 Fernando Tuquina

🔗 Tuquina

## PROFILE

Experienced Software Engineer currently serving as a **Tech Lead** focused on **backend development** at Coto. With expertise in **clean architecture**, **performance optimization**, and **scalable solutions**, I lead teams to deliver high-quality applications aligned with business goals. Driven by a passion for **continuous learning** and **innovation**, I implement **cutting-edge technologies** to ensure **efficiency** and excellence in every project. I thrive in dynamic environments where **strategic decision-making** and **collaboration** are key to driving growth and innovation.

## EDUCATION

### COMPUTER ENGINEER

National University of Tucuman (UNT)

Faculty of exact sciences and technology

2017 - Now

### Electronics Technician

Lorenzo Massa Salesian Technical Institute

2009 - 2015

## SKILLS

- .NET
- C/C#
- Java
- PL/SQL
- Docker
- HTML/CSS/JS
- Unit Test
- Kafka
- MySQL/Oracle
- REST

## EXPERIENCE

### Backend Tech Lead

May 2024 - Present | COTO Digital

As Backend Tech Lead for Coto Digital, I guide a team in developing and maintaining scalable microservices-based systems. I ensure adherence to best practices in software development through code reviews, mentoring, and setting technical guidelines. By fostering collaboration, I help the team deliver high-quality solutions that align with business objectives while driving innovation in backend architecture and continuous improvement.

### .NET Programmer Analyst

July 2022 - May 2024 | COTO

Led the design and development of complex web applications and microservices in Docker using .NET, integrated with Oracle and SQL Server databases. Developed solutions for operational processes in retail, in-store management, accounting, and financial reporting, ensuring scalable and efficient architectures.

### 2nd category teaching assistant

2018-2019/2021-2023 | FACET - UNT

Teaching Assistant: Computer Science, Programming I and Programming II. Performing dictation of practical classes, consultations and tutorials of final projects.

### Teacher replacement

2021 | Lorenzo Massa

Substitute workshop teacher for the subjects: computer science I and II, assisted design and industrial electronics

### Electronic Instrumentation Technician

2015 | San Miguel Citrus

Intern in the electronic maintenance sector, performing PLC programming tasks and setting up digital and analog sensors.

## CERTIFICATES

### Curso Ingeniería de Datos de Alto Rendimiento con Herramientas CASE - 2022

Learned how to design high-performance databases with high concurrency, using CASE tools and best practices, including execution plan analysis in MySQL.

### Curso de React (Hooks Context Redux MERN) - Udemy (2022)

Udemy course where projects were developed using React, Context API, Next, Vite, Custom Hooks, Redux, and MERN technologies, among others.

### JavaScript Algorithms and Data Structures (2022)

Development certification using the JavaScript language, focusing on ES6, debugging, and practical projects.

### Responsive Web Design (2022)

Responsive web design certification from freeCodeCamp, focusing on HTML, CSS, and JavaScript practices.

### Taller de robótica Educativa para Docentes - UTN (2018)

Course covering methodologies and dynamics for teaching basic robotics using Arduino to high school and university students.

## COMPETENCIES

- Teamwork
- Effective communication
- Git | GitHub | Bitbucket
- Leadership
- Proactivity
- Responsibility and Organization
- Office tools
- Technical decision making
- Ability to learn
- Conflict resolution
- Linux knowledge
- Agile methodologies

## LANGUAGES

- Spanish (Native)
- English (Intermediate)

## INTERESTS

🎧 Music    ✈ Travel    📖 Read    🚲 Cycling