

Luis Fernando Coste Contreras

REST APIs | Microservices | Python FastAPI | Spring Boot

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Summary

Software Developer with experience in the design, development and implementation of scalable web applications and comprehensive solutions. Specialized in the creation of REST APIs and microservices with Python (FastAPI), Java (Spring Boot) and ASP.NET Core, complemented with experience in the development of dynamic and responsive interfaces using Angular, React and modern frontend technologies. Focused on clean code, sustainable architectures, and best development practices. Experience in highly demanding environments, such as the banking sector.

Technical Skills

Programming Languages: C#, Python, Java, JavaScript, TypeScript

Frontend: Angular, React, HTML5, CSS3, Bootstrap, JavaScript/TypeScript, Tailwind CSS

Backend: ASP.NET Core, FastAPI, Spring Boot, Node.js, Express.js, REST APIs, Microservices

Databases: SQL Server, MySQL, PostgreSQL

Tools & DevOps: Git/GitHub, Docker, Postman, Visual Studio Code, Visual Studio

Languages: Spanish (Native), Basic English (in active progress)

Technical Projects (Personal)

Sales Management System | ASP.NET Core, Angular, MySQL - [View on GitHub](#)

- Complete development of a full stack web application with REST API in ASP.NET Core (layered architecture) and responsive frontend in Angular.
- Implementation of integrated CRUD operations, authentication, and reporting.
- Achievement: Optimization that reduced response time by 40% through caching and efficient queries.

Real-Time Communication API | Node.js, WebSocket - [View on GitHub](#)

- Instant messaging system with Node.js backend and WebSocket for persistent connections.
- Development of an interactive web client that consumes the service in real time.
- Achievement: Consistently less than 100ms latency, handling multiple simultaneous clients.

Pokedex API | FastAPI, JavaScript, HTML/CSS - [View on GitHub](#)

- RESTful API documented with Swagger/OpenAPI and interactive frontend for data query and visualization.
- Full integration between backend (FastAPI) and frontend (HTML/CSS/JS) with responsive design.
- Achievement: Full development and implementation in 2 weeks, demonstrating fast delivery capability in full stack projects.

Work Experience

Technical Support at Help Desk – Banco Cooperativo Coopcentral (July 2023 – Present)

- Preventive and corrective maintenance management of technological infrastructure
- **Achievement:** 30% reduction in ticket backlog through report automation

Helpdesk Analyst – Accedo S.A.S. (November 2021 – March 2023)

- On-site and remote technical support for corporate users
- **Achievement:** Optimization of technological update processes, reducing times by 25%

Education and Certifications

Systems Engineering Corporación Universitaria Minuto de Dios | 2022 - Present (7th semester)

Labor Technician at Fundación Misioneros Divina Redención | 2020 - 2021

Relevant Certifications

- **JavaScript Fundamentals** - Cisco Networking Academy (2024)
- **Fundamentals of Software Development** - Microsoft & LinkedIn (2023)
- **Python Essentials** - Cisco Networking Academy (2023)
- **SQL with MySQL** - Udemy (2023)
- **C# Programming** - Udemy (2023)