

Agustín Monetti

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PROFILE

Computer Engineering student at UADE (22 years old), with a strong focus on Web Development and Cloud Infrastructure. Currently mastering modern technologies such as React, Node.js, NoSQL databases, Google Cloud, and Docker, applying technical knowledge in hands-on personal projects.

SKILLS

Technologies: Python, Java (OOP), Docker, Node.js, React, JavaScript, Git/GitHub, GCP.

Databases: SQL (PostgreSQL, SQLServer) - NoSQL (MongoDB, Redis, Cassandra, Neo4j).

Languages: Spanish (Native), English (Advanced).

PERSONAL PROJECTS

GCP Free-Tier Home Lab: Architected a production-grade microservices environment on Google Cloud Platform (e2-micro). Orchestrated the deployment of a portfolio, bots, and internal tools using Docker Compose and Nginx as a Reverse Proxy, implementing system optimization (Linux Swap) and secure firewall rules to maximize free-tier resources.- **GCP - Docker - Nginx - Linux**

Sistema de Monitoreo Climático (TUI): System Design Developed a Terminal User Interface (TUI) for real-time weather data visualization implementing a Polyglot Persistence architecture. Integrated PostgreSQL for structured data, MongoDB for unstructured historical logs, and Redis as a high-performance caching layer to optimize data retrieval.- **JS - Redis - MongoDB - SQL - System Design**

Bot de Alertas del Subte de Buenos Aires: Python Developed an automated bot that monitors the status of Buenos Aires subway lines in real-time. Implemented a notification system via Telegram API that triggers alerts immediately upon detecting service status changes to keep users informed. **Docker - JS - Python**

WORK EXPERIENCE

Freelance IT Support

2021 - Present

- Diagnosis and resolution of hardware and software incidents for private clients.
- Installation and configuration of Operating Systems (Windows/Linux) and utility software.
- Preventive maintenance, system optimization, and update management to ensure operational continuity.

CERTIFICATIONS

MS Excel Fundamentals | UTN

Google Cloud Computing Foundations

MS PowerPoint Fundamentals | UTN

Google Ads Search Certification

MS WordFundamentals | UTN

Google Ads Display Certification

EDUCATION

Universidad Argentina de la Empresa

2021 - Present

Bachelor of Engineering in Computer Science

Expected Graduation: December 2027