

Agustín Monetti

CABA, Argentina · +54 2227416074 · agus.monetti01@gmail.com

linkedin.com/in/agustin-monetti/ · github.com/agmonetti · agus-monetti.is-a.dev/

SUMMARY

Computer Engineering student at UADE with a strong focus on Software Development and Cloud Infrastructure. Hands-on experience with Docker, Google Cloud, SQL/NoSQL databases, and backend development. Passionate about applying technical knowledge to build scalable solutions through practical personal projects.

PERSONAL PROJECTS

GCP Free-Tier Home Lab

- Designed and deployed a production-ready microservices architecture using Google Cloud Platform (e2-micro). Orchestrated services (portfolio, bots, internal tools) using Docker Compose. Configured Nginx as a Reverse Proxy for secure traffic management. Implemented memory optimization (Linux Swap) to maximize limited resources. Established secure firewall rules.
- Stack: GCP, Docker, Nginx, Linux.

Weather Monitoring System (TUI) (TUI)

- Developed a Terminal User Interface (TUI) application for real-time weather data visualization implementing a Polyglot Persistence strategy. Integrated PostgreSQL for structured relational data. Implemented MongoDB for unstructured historical logs. Utilized Redis as a high-performance caching layer to reduce latency.
- Stack: JavaScript, Redis, MongoDB, PostgreSQL, SQL, System Design.

Buenos Aires Subway Alert Bot

- Developed an automated bot to monitor the status of Buenos Aires subway lines in real-time. Engineered scraping to detect service changes. Integrated with the Telegram API to send automatic instant alerts to users.
- Stack: Docker, Python, REST APIs.

WORK EXPERIENCE

Freelance

IT Technical Support

- Diagnosis and resolution of hardware and software incidents for personal computers. Installation, configuration, and maintenance of operating systems (Windows/Linux). System optimization, hardware cleaning, and security update management.

EDUCATION

UNIVERSIDAD ARGENTINA DE LA EMPRESA (UADE)

Computer Engineering

Buenos Aires, Argentina

Expected Graduation: 2027

TECHNICAL SKILLS

- Certifications: Google Cloud Computing Foundations, Google Search & Display Ads Certifications
- Spanish (Native), English (Advanced/C1).
- Docker, JavaScript, Python, Java, Google Cloud Platform, SQL, Redis, MongoDB, PostgreSQL, GitHub, Git, Linux