

# Miguel Guardia

mguardia.portfolio.app | [linkedin.com/in/miguel-guardia-sanchez](https://www.linkedin.com/in/miguel-guardia-sanchez) | [github.com/MGuardia10](https://github.com/MGuardia10)

## About me

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Software developer in constant learning and with a solid passion for technology and programming. I consider myself a proactive person, with great work ethic and good social skills. My goal is to establish a successful career in software development, with a keen focus on DevOps and Cloud engineering.

## Education

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**42 Madrid - Fundación Telefónica**, BS in Computer Science Sept 2023 – Now

- **Coursework:** C, OOP with C++, Git, Operating Systems, Virtualization, Networking, Containerization

**Tech University**, Master in full-stack web development Aug 2022 – July 2023

- **Coursework:** Web fundamentals, HTML5, CSS3, UI/UX, MERN stack, CI/CD

## Experience

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**Data Manager**, eFlow Consulting Jan 2018 – Dec 2021

- Data management through the reception of information, digitization and supervision of documents within the file management system.
- Software used: Excel, Power-Point, Word.

## Certifications

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**Associate Cloud Engineer** Nov 2024

Google Cloud Platform

**University expert in cloud architecture** Jan 2024

Tech University

## Projects

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**HTTP Web Server** github/webserve

- Developed an HTTP/1.1 server capable of processing configuration files similar to Nginx, handling basic routing, request management, CGI execution and cookies.
- Stack Used: C++, Makefile, Docker, DevContainers

**Service orchestration using Docker** github/inception

- Developed a container-based infrastructure by deploying and managing services such as Nginx, WordPress, MariaDB, Adminer, FTP, Redis and Grafana. Optimizing scalability and efficiency through an internal network.
- Stack Used: Docker, Docker Compose, Bash, Makefile

**Bash replica** github/minishell

- Developed a recreation of GNU BASH 3.2 that supports redirections, pipes, single and double quotes, environment variable expansion, some built-in commands and signals.
- Stack Used: C, Makefile, Bash

## Technologies

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**Languages:** C, C++, JavaScript, Bash

**Infrastructure and Cloud:** Linux based systems, Git, Docker, VirtualBox, Google Cloud Platform

**Web Frameworks:** React.js, Node.js, Express.js, Tailwind