Guillermo **Rodríguez**

SENIOR SOFTWARE ENGINEER

⌂ guille.github.io | ⌨ guille | in guille-rodriguez

Experience

Sage
Barcelona, Spain

SENIOR SITE RELIABILITY ENGINEER — May 2025 - PRESENT

- Ensure availability of core services by implementing Service Level Objectives (SLOs).
- Developed tools for automatically detecting and correcting data issues in aggregated data stores.

SOFTWARE ENGINEER — April 2021 - May 2025

- Delivered scalable solutions, meeting tight deadlines and collaborating across departments.
- Resolved performance bottlenecks in high-impact services, ensuring system stability and improved operational efficiency.
- Improved system performance by addressing database inefficiencies and reducing response times.
- Mitigated operational risks quickly, preventing incidents and maintaining service reliability.

Volta Networks
Barcelona, Spain

JUNIOR SOFTWARE ENGINEER — October 2018 - April 2021

- Engineered and maintained major features of Volta's customer-facing API using Python and gRPC.
- Developed the backend improvements necessary to serve requests concurrently.
- Contributed to the containerization of all the software components.

GAM Rentals
Oviedo, Spain

INTERN — January 2018 - March 2018

- Developed an internal Ruby on Rails web application that their drones division used to manage and keep track of their drones, pilots and projects.

Skills

Technologies	Python, Ruby, Java, C#, JavaScript, AWS, SQL, Docker, Git, Bash
Languages	Spanish (native), English (C1 - Cambridge English Advanced)

Projects

RaftCore
.NET CORE (C# AND ASP.NET), D3.JS — *github.com/guille/raftcore*

- Implementation of the Raft consensus algorithm for the .NET Core platform.
- Development product of the Bachelor Final Project.
- I also developed a visualisation of the algorithm using ASP.NET and D3.js.

download_tv
RUBY — *github.com/guille/download_tv*

- Command line gem that connects to MyEpisodes to retrieve the shows followed by the user and then finds magnet links to download new episodes.
- Published as a Ruby gem. Over 55,000 total downloads.

homepage
TYPESCRIPT, SASS — *github.com/guille/homepage*

- Simple and customisable homepage displaying lists of user-defined links organised by categories.

Education

Universidad de Oviedo
Oviedo, Spain

B.SC. IN SOFTWARE ENGINEERING — 2014 - 2018

- Bilingual program: English and Spanish.
- Bachelor Final Project: "Implementation of the Raft consensus algorithm with the .NET Core platform".

Eindhoven University of Technology
Eindhoven, Netherlands

EXCHANGE SEMESTER — Fall 2016