Rafael Gómez Guillén

SOFTWARE ENGINEER

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Location: Santa Cruz de Tenerife, Tenerife, Spain

WORKING EXPERIENCE

Software Engineer | Redborder NDR

Santa Cruz de Tenerife, España
June 2024 - Present

- Development of real-time cybersecurity solutions, creating a **web** platform with Ruby, Ruby on Rails, Python, Go, and Logstash, focused on threat detection and prevention.
- Management of **databases** and **caching** systems in PostgreSQL, MongoDB, Redis, Aerospike, and Memcached, ensuring high performance in the handling of critical data.
- Automation of a **Linux** infrastructure (Rocky Linux) and deployments with Chef Server, Bash Scripting, and Jenkins, in addition to integrating Apache Druid, Kafka, and Zookeeper for advanced data processing and analysis in distributed environments.
- Administration of **virtualization** environments with Esxi and containers with Docker, applying version control with GitLab and GitHub for **CI/CD** workflows.
- Preparation of analytical **reports** on network traffic, threats, and security policies, applying reverse engineering techniques, threat intelligence, whitelists, and blacklists.
- Experience with Amazon Web Services (AWS), with scalable **storage** solutions on Amazon S3 for high-volume and high-availability environments.

Full Stack Developer (Erasmus) | VivaDrive

Warsaw, Polond
March 2024 - May 2024

- Creation of a city and country recommendation **website** from scratch using React JS for the user interface, Tailwind CSS for design, and Django Rest Framework (Python) for the backend.
- Responsible for implementing **recommendations** from point A to B using React Leaflet. The system was based on parameters such as geographical coordinates and electric vehicle battery percentage.
- Improvements in **SEO**, performance, and accessibility on vivadrive.io, as well as resolving visual issues and fixing bugs.

EDUCATION

Senior Technician in Web Application Development

Tenerife, Spain
September 2022 - June 2024

- **School:** CIFP César Manrique.
- **Average grade:** 8.42 / 10
- **Technologies Taught:** .NET, C#, SQL Server, Spring, Java, MariaDB, Javascript, Docker, Kubernetes, Linux

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TECHNOLOGIES

- **Programming languages:** Ruby, Python, Go, Javascript, C#, Typescript, Java
- **Frontend Frameworks:** React, Angular
- **Backend Frameworks:** Ruby on Rails, .NET, Django Rest Framework, Spring Boot, Firebase
- **Databases / Storage:** PostgreSQL, MongoDB, Redis, Aerospike, SQL Server, S3 (AWS)
- **Other tools:** Docker, Logstash, Chef Server, Apache Druid, Tailwind CSS, Bootstrap, Ionic

LANGUAGES

Spanish
- Native level

English
- Advanced level