



Arnau Gris García

Embedded Software
Developer
Giesecke + Devrient

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Languages

Spanish - Native
Catalan - Native
English - B2.2

Skills

Java
Python
C/C++
RDBMS (SQL)
MongoDB

Skills

Leadership
Teamwork
Server Management
Iptables and UFW
Networking

Work Experience

Giesecke & Devrient (Feb 2023-Present)

Embedded software engineer

- Development of embedded software for ARM-based microcontrollers using C/C++.
- Implementation of OS features, drivers, and communication interfaces.
- Application of Agile methodologies (Scrum) in cross-functional teams.
- Creation of unit and integration tests using TDD principles.
- Development of Java applets and related APIs.
- Version control and collaboration using Git.

Celler de Badalona (2019-2023)

Waiter and web developer

- Responsible for customer service, order management, and payment processing.
- Managed the restaurant's website, SSL certificate, and domain services.
- Designed, developed, and maintained a responsive company website to enhance online presence.

Virtual Planet (2015-2020)

CEO at VirtualPlanet

- Created and managed a Minecraft hosting and gaming platform.
- Designed the business model and digital marketing strategy.
- Oversaw sales, customer support, and billing processes.
- Administered Linux servers (Debian/Ubuntu), including firewall (IPTables/UFW) configuration.
- Managed MySQL databases and implemented backend connections with JDBC.
- Deployed and maintained dedicated servers and web infrastructure.

Education

Master on Cybersecurity, UPC (2022-Present)

Degree on Computer Science, UB (2018-2022)

TryHackme penetration course (2022)