

Ruben Artacho Cortada

 [LinkedIn](#) |  rubenartacho.com |  [GitHub Repo](#) |  info@rubenartacho.com

Introduction

- Java Backend architect. I can use most Java Frameworks, but I also understand what they do and how they work. This allows me to do Multithreaded and distributed application design, profiling and optimisation.
- I am able to design and develop a wide range of software architectures, from monolithic to microservices. I am also able to assess which architecture will be the best fit for a given project considering all the benefits and drawbacks.

Skills

- Java | JavaScript | C++ | C | MySQL | PostgreSQL | PHP | HTML | CSS | J2EE | Spring | REST | Hazelcast | jQuery | Maven | Git
- Docker | Cloud Computing | CI/CD | OOP Patterns | Mockito | Unit Testing | SOLID | OOP | Functional Testing | SoapUI | Kafka
- Microservices | Distributed Systems | HA | Backend | Ansible | GitLab | Scrum | Kanban | AOP | Concurrency | Reactive Programming
- Linux | Sysadmin | Networks | Kubernetes | Wildfly | LDAP | Embedded | TCP/IP | Cryptography | Glassfish | Firewalls | Security | Bash

Languages

- English (C1), Spanish (Native), Catalan (Native).

Experience

Software Architect

[Sopra Steria](#)

Work from home

04/2023 - Now

- Develop Enterprise Java backend components for [Mango E-commerce site](#).
- Develop, optimize, scale and fix Microservice based server side components.

Software Architect

[Aktios](#)

Work from home

01/2023 - 03/2023

- Develop Enterprise Java server side components for [Santander's Bank Nexus Global Collections platform](#).
- Develop Microservice based server side components.
- Improve the legacy codebase (SOLID, Hexagonal Architecture, Clean Code, etc.).
- Develop new architecture patterns for new products' integration.

Software Engineer

[Xtremis & Keapps](#)

Work from home

09/2020 - 12/2022

- Developed Enterprise Java server side components for [Ericsson's Mission Critical Push To Talk platform](#).
- Designed and implemented several backend optimizations leading to a 50x increase of concurrent users per instance.
- Mentored and trained teammates in cutting edge programming paradigms like Reactive programming.
- Adapted server side applications to run in HA clustered environments with geo redundancy increasing system availability up to 99.999%.
- Performed security analysis on individual application components and on the whole backend architecture.
- Continuous Integration/Deployment, Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing.

Software Engineer & IT Manager

[Sofos Energy](#)

Lleida, Spain

07/2008 - 09/2020

- Led the design and development of end to end Java and C++ enterprise-level Microservices applications for photovoltaic plant telemetry.
- Designed and implemented mission critical industrial communications infrastructure.
- Developed systems that automate error detection and predictive maintenance, improving customer retention and satisfaction.
- Implemented several industrial communications protocols for photovoltaic device communication.
- Designed and implemented embedded, frontend and backend software and infrastructure.

Systems & Network Administrator

[T-Systems & SICE](#)

Barcelona, Spain

04/2005 - 06/2008

- Wireless and wired network design, deployment, configuration and troubleshooting.
- Designed and implemented network services on Linux servers. Linux system administration tasks.
- Open source and Linux mentor.
- Hardware and software repair, installation and configuration.

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Education

Bachelor of Science

[Lleida University](#)

Lleida, Spain **09/2004 - 07/2008**

- Major in Computer Systems Technical Engineering

Mentorship

- **University degree final project director:** Mentored intern developers in Programming, Algorithms, Software Architecture, etc. Guided them through the whole process of enterprise application development.
- **Linux and open source mentor :** Trained support teams in Linux system administration, installation and troubleshooting.

Personality

- Easygoing , proactive and diligent. I love technical challenges and solving complex problems. I enjoy collaborating and teamwork.