ARNAU GARCÍA GALLEGO

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LATEST WORK EXPERIENCES

EVPassport (Software Engineer) | 2023 – Now

Architecture, design and maintenance of many projects/services of the company using Java (Spring) and microservices.

- Kafka
- MongoDB, PostgreSQL
- Spring (Java 17, 21)
- Junit, Mockito
- OCPP, OCPI

Opentrends (Software Engineer) | 2018 – 2023 (5 Years)

Development and maintenance of several platforms for the educational sector, development of IoT services, development of a management application for city council and other projects. Technologies used:

- Angular 5/6, 10, 14
- Spring (Java 8, 11, 17), JSP, Thymeleaf
- Testing (JUnit, Mockito, Jasmie, Karma, Jest) | TDD
- ReactJS, NodeJS, NextJS
- MySQL and MongoDB

Klai (Software Engineer – Software Architect) | 2021 – 2022 (1 Year)

Programming, architecture, and deployment of the platform "Shop The Look". This platform has been developed using:

- Angular 13
- Spring (Java 17) – TDD (Junit, Mockito)
- JavaScript ES6, webpack
- MySQL and ElasticSearch
- AWS (Lambda, ECS, OpenSearch…)

LATEST STUDIES

Electronics Engineering | La Salle BCN | 2023 - Now

- Designed digital circuits, including logic gates, flip-flops, and microcontrollers, to create functional electronic systems

- Worked with analog components and devices such as amplifiers, operational amplifiers, and filters, ensuring precision and efficiency in signal processing.

- Developed embedded systems, utilizing microcontrollers and programming languages like C/C++ for real-time control and monitoring applications.

Software Engineering | La Salle BCN | 2018 -2022

- Advanced algorithms (recursion, Branch and bound, multiple recursion)

- Operating systems administration (scripting, UNIX architecture, LFS (Linux from Scratch))

- Network Administration (Certification: CISCO CCNA 1, 2, 3, 4)

- Project management and task organization

- Modularization and architecture of applications (paradigms and programming patterns)

Cross platform development (DAM) | STUCOM | 2017 -2018

- Android (Java) and iOS (Swift 3) application development.

- Development of a web and mobile project with the JHipster tool: back-end with Spring, Angular 4 for web front-end and Android and Swift for front-end mobile versions.

- Development of a mobile game from scratch using Android

- Development of GUI applications using JavaFX

Web application development (DAW) | STUCOM | 2015 -2017

- Development of a project with JHipster

- Development of API REST using Spring

- Web Development with Javascript, JQuery, AngularJS, Bootstrap, Spring

- Architecture of data base management systems in SQL (MySQL) and non-SQL (MongoDB)

- Deployment of applications in AWS (Amazon Web Services and Heroku)