Arnau Álvarez Aranda

Android Software Developer

Focused on developing applications and software. Responsible, organized, able to work both individually and as a team, interested in science and computing science. Always willing to learn new skills and knowledge.

EXPERIENCE

Android Software Engineer

Worldsensing | Nov 2023 - Right Now

Development of the Android App in charge of configure the IOT solutions that the company offers. Those solutions are focused on the mining, infrastructure, construction and railways.
Fully responsible of the App, new releases and exhaustive testing.

Worked with:
- Java with RxJava.
- MVVM design Pattern.
- Firebase integrations.
- Agile Methodology.
- Control version with BitBucket based on Git.

FrontEnd Android Developer

VASS | Sept 2022 - Nov 2023

Development and mantainance of the Android MyCupra application for SEAT.
Worked with:
- Android Jetpack Compose.
- API Rest project based. Able to read documentation of the API with Swagger.
- Issues and Project Tracking with JIRA.
- Management of local repositories with Sourctree and remotes repositories with BitBucket.
- Transversal team communicated with Teams and Slack.

FullStack IoT Programmer

Witeklab, S.L. | Sept 2021 - Jun 2022

Dual Internships for the Superior Grade in Web Application Development (GSDAW).
During the practices I was mainly in charge of programming applications in Ionic for the visualization of sensor data. These applications communicate via Bluetooth with a microcontroller (ESP32) programmed in MicroPython.
Worked on:
- Ionic App's.
- Web programming in Angular.
- I was in charge of programming a variety of devices with I2C and SPI communication: LCD screens, ADC, CO_2 sensors, temperature/humidity sensors, acceleration sensor...
- Microcontrollers programming; Mainly ESP32 (MicroPython), Arduino (C++) and Raspberry (Python).
- Programming of Microchips (C) and communication via Radiofrequency.
- Use of MySQL and files for data storage.
- Use of version control by GitLab and Github.
- Use of Trello for team project planning.

21/02/1998

CONTACT

- +34-633695558
- a.alvarez21298@gmail.com
- Sabadell, C /Josep Guardiet,10

LANGUAGES

Spansih and catalán: Native

English: B1

SKILLS

- Lenguages: Kotlin, Java, Python, C, C++, XML, HTML5, JavaScript, TypeScript, PHP.
- Database: MySQL, Firebase, MongoDB, SQLite
- Version Control: Gitlab, Github
- SAFe and Agile methodologies.
- Teamwork
- Problem Resolution
- Leadership

LINKS

- https://www.linkedin.com/in/arnau-%C3%A1lvarez-aranda-76180b230

MORE INFORMATION

- Driving License B.
- Own Car.

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FullStack Android Developer

Ajuntament de Terrassa. | Jan 2021 - Jun 2021

Practices developed for the Superior Grade in Multiplatform Application Development (GSDAM).
It consisted of creating a custom application for the Animal Welfare Council, alone with the advice of my internship tutors from both entities.
This application was developed in Android (Kotlin) and Firebase was used for data storage.
The application tries to create a space in which anyone can process any type of animal complaint, obtain information relevant to the animal world, adopt/take in an animal from the kennels associated with this project and sign up for volunteering.

EDUCATION

Institut Nicolau Copèrnic

Higher Degree Cross-Platform Application Development (DAM) | 2019 - 2021
Higher Degree Web Application Development (DAW) | 2021-2022

Universidad Autónoma de Barcelona

Unfinished Engineer's Degree Telecomnunications | 2016-2019
- C, C++ and Python.

Ramar 2

Technological High School | 2014-2016