Personal data

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About me

Software Engineer specialized in Kotlin, Jetpack Compose and Clean Architecture.

Entrepreneur at Kinendu, with experience in project analysis and design.

Creative with a business sense.

Academic training

Degree:	Higher education cycle in multiplatform application development.

Additional training

2022	▪ Online course "AM-1004 - IFCD71 ANDROID, DEVELOPMENT OF APPLICATIONS FOR MOBILE DEVICES 173", of PUE DATA.
2020	▪ In-person course "Asterisk On-site", of Avanzada7.

Recognitions and awards

2019	▪ TXEKINTEK promoter with the aim of promoting the creation of technology-based and/or innovative companies, issued by BIC BERRILAN.
2017	▪ Selected to participate in the 5th edition of CEIN's "Enterpreneurial impulse", and mentored by Inycom and Mutua Navarra.
2016	▪ Winner in the open source category at Buber awards.

ICT skills

Programming languages:	Kotlin, Java, C++, Javascript, Typescript, HTML5, PHP, Python.
Patterns:	MVVM, MVI, MVP and Clean Architecture.
Methodologies:	Agile/Scrum.
IDE's:	Android Studio, IntelliJ, Eclipse, VSCode, Netbeans, Kdevelop.
Databases and ORM:	MySQL, PostgreSQL, SQLServer, SQLite, Oracle, Android Room.
C/I and quality:	Sonarqube, Confluence.
Development experience:	Analysis, design, testing (unitary and instrumental) and documentation. Google APIs and Firebase.
Testing:	Junit, Robolectric, MockK, Mockito, Espresso,

	MockWebServer.
Others:	Gitflow, Git, SVN, Jira, Redmine, Teamworks.

Professional experience

Jun. 2021 - Present	**Position:** Android Software Engineer at Hiberus Technology
	Responsibilities and functions: Development of applications for smartphones and smartwatches in Android and HarmonyOS, working in multiple multidisciplinary teams.
	Projects:
	▪ **Banking sector:** Architecture and development of native application for digital banking clients. Using Clean Architecture to manage their finances and regular banking operations. Unit testing with Junit, Espresso, Mockito and Roboelectric. Continuous integration with Jenkins and Sonarqube.
	Technologies: Android, Kotlin.
	▪ **Audiovisual sector:** Architecture and development of native application aimed at the Huawei Watch GT 2 Pro and GT 3 Pro watches, using Clean Architecture, to listen radio stations and podcasts on Internet.
	Technologies: HarmonyOS, Java.
	▪ **Digital Press:** Development of native application, using Clean Architecture, that displays news using modular components with an adaptative UI that changes according to the response headers. With a section of saved news and the ability to change the font size, displaying personalized news and receiving personalized push notifications through Firebase. Analytical advertising and login with social networks. Subscription through in-app purchases.
	Technologies: Android, Kotlin.
	▪ **Culture sector:** Architecture and development of native application, using Clean Architecture, for museum ticket validation, including code reading via scanner and offline mode.
	Technologies: Android, Kotlin.
	▪ **Public sector (autonomous government of Spain):** Maintenance and development of native application for job demand management.
	Technologies: Android, Java.
	▪ **Service sector:** Architecture and development of native application for remote ticket office management and virtual wallet payments, using Clean Architecture.
	Technologies: Android, Kotlin.
	▪ **Entertainment and gastronomy sector:** Architecture and development of native application for order management using Clean Architecture, with two different types of behavior: One for restaurant employees and another for offline street vendors.
	Technologies: Android, Kotlin.
	Methodologies: Agile, Scrum, Kanban.
	Applied skills: MVVM · MVP · Kotlin · Koin · Dagger Hilt · Jetpack Compose · RxJava · Protobuf · Room · SQLite · Junit · MockK · Espresso · Mockito · Roboelectric · Sonarqube · Confluence · Jenkins · Android
May. 2020 - May. 2021	**Position:** Sr. Developer at ALCAD Electronics
	Responsibilities and functions: Development of web and IoT applications in a multidisciplinary team.

	Projects: ▪ Development of a service for embedded environments in GNU/Linux for artificial vision, managing more than 20 IP cameras and applying AI for the detection of people in an offline environment. Signal emission through the MQTT messaging protocol in a private network. ▪ Code migration from ActionScript 3 to TypeScript and visual redesign with Material Design of an internal management website. **Methodologies:** Agile, Scrum. **Applied skills:** C++ · OpenCV · MQTT · ActionScript 3 (Flash) · TypeScript · Angular 2+ · HTML · CSS · GNU/Linux
May. 2019 – Abr. 2023	**Position:** CTO at Kinendu
	Responsibilities and functions: Management of the company's economic activity, defense of the project, coordination of the technical team and performing tasks of programmer/analyst: ▪ Analysis in requirements gathering. ▪ Design and documentation of two REST API systems (one private for own consumption and another public so that third parties could integrate our services into their platform). ▪ Database architecture and backup management. ▪ Technical team coordination (iOS & web). ▪ UI/UX analysis and development. ▪ Android code development. ▪ Google APIs & Firebase Integration. ▪ Managing resources and deploying machines on AWS. **Applied skills:** MVP · Java · Dagger2 · Room · Android · PostgreSQL · SQLite · SQL · Firebase · Google APIs · AWS · PHP · HTML · CSS · SSH · apiDoc
Feb. 2002 - Abr. 2019	**Position:** Developer and network administrator at TransNatur Norte
	Responsibilities and functions: Development and integration of processes with external systems. Implementation of organizational security policies. ▪ Development of a native application for Android (Java) and iOS (Objective-C) for tracking control of shipments, inputs/outputs stock and display of delivery notes/proofs of delivery. ▪ Own developments for integrations with third-party software. ▪ CRM maintenance. ▪ Virtualization of services. ▪ Servers maintenance (Email, Active Directory, proxy, etc.). ▪ On-site and remote technical support for a staff of more than 500 people in 4 different branches. ▪ Backup management. **Applied skills:** Java · Objetive-C · PHP · Javascript Vanilla · Visual Basic 6.0 · Bash · MySQL · Microsoft SQL Server · SQLite · Microsoft Access · SQL · Android · iOS · GNU/Linux · Microsoft Windows · Vmware ESXi · Active Directory · Mdaemon · Squid · Acronis True Image · Norton Ghost · EasyUs Backup · GParted

Languages

Spanish	▪ Bilingual or Native.
English	▪ Professional basic (intermediate level).

| **Basque** | ▪ | Complete professional. |