

# David Molina Mesa

Barcelona, Spain · [linkedin.com/in/davidmolinamesa](https://www.linkedin.com/in/davidmolinamesa)

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*Software Engineer and Android Developer eager to apply my skills in a collaborative environment, driving innovative solutions and enhancing user experiences.*

## PROFESSIONAL EXPERIENCE

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**Basetis** (IT Consultant)

**Barcelona, Spain**

Android Developer

October 2023 - Present

- Implementing high-quality code following the Model-View-ViewModel (MVVM) architecture and other design patterns, improving the maintainability and scalability of applications within Kotlin Multiplatform (KMP) projects.
- Developing native Android components and interfaces, adhering to predefined designs and aligned with Material Design guidelines to ensure a smooth and consistent user experience with the operating system.
- Actively participating in technical and design decision-making for key product features, collaborating with the team under Agile methodologies.

Sector projects: Pharma, Urban Mobility

Tech stack: Kotlin, Android Jetpack Compose, SQLite, GitLab

Frameworks and libraries: Kotlin Multiplatform, Koin (Dependency Injection), Kotlin Coroutines (Reactive Programming), Room (Database), Ktor (API), Coil (Images), JUnit, Mockito, (Test)

Other tools: Android Studio, Postman, Swagger, Atlassian Jira, Slack, Google Workspace

## EDUCATION

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**UNIVERSITAT POLITÈCNICA DE CATALUNYA**

**Barcelona, Spain**

**Facultat d'Informàtica de Barcelona**

2019 - 2024

Informatics Engineering - Software Engineering Specialization

**Final Degree Project:** Development of a blockchain-based ticketing system using NFTs, featuring two mobile applications (one for attendees and another for validators) that interact with a smart contract on the Ethereum blockchain. Graded 9.6/10.

[Document](#)

## ADDITIONAL SKILLS

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- Other libraries, programming languages and frameworks: Retrofit, Dagger - Hilt, Compose UI Test, Compose Multiplatform, Java, TypeScript, ReactJS, C++ and Solidity.
- CI/CD: GitFlow, GitHub Actions pipelines
- Firebase products (Authentication, Crashlytics, Firestore)
- Native in Spanish and Catalan. Intermediate English level and basic of French

[Portfolio](#)