

Armand Molina Trabal

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EDUCATION

Pompeu Fabra University, TecnoCampus
University Degree in Computer Engineering and Information Systems

Mataró, Barcelona
Sept. 2020 – Jun 2024

EXPERIENCE

Attendi Rent (Start-up)

April 2024 – Present

Co-Funder & CTO

Barcelona, Spain

- Developed a P2P mobile application rental marketplace available on AppStore and PlayStore in Spain.
- Designed and developed the MVP from scratch using Java Spring Framework for backend and React Native for frontend.
- Deployed application on AWS EC2, integrating AWS services like RDS for MySQL and S3 for storage.
- Implemented Spring Security for user authentication and authorization, using JWT for session management and OAuth 2.0 for third-party login integration.

Al Kamel Systems S.L.

Nov 2023 – Apr 2024

Software Engineer Intern

La Garriga, Barcelona

- Designed and produced a graphic launcher client using C++ and the Qt framework.
- Created scripts for motorsport competition graphics using vizScript and Python.
- Implemented external APIs for data integration.
- Managed high-level responsibilities with software broadcasted for major events like Formula E and WEC, with millions of live spectators.

HtopGroup

Jul 2023 – Sept 2023

Software Engineer Intern

Palafolls, Barcelona

- Applied quality analysis, validation, and data verification techniques using SQL Server and Power BI.
- Designed and developed data models and dashboards for executives using Agile methodologies.

PROJECTS

Interoperability Prototype

Nov. 2023 – June 2024

Graduate Thesis Project

Barcelona, Spain

- Developed a prototype for interoperability between healthcare information systems for transferring patient allergy data.
- Led project management, software design, and infrastructure setup.

Apollofy

Sept. 2022 – July 2023

Backend project, application based on Spotify

Barcelona, Spain

- Designed and developed a backend application based on Spotify using layered, hexagonal, and microservices architecture.
- Implemented TDD development, Spring Security, OAuth2, and JWT.

SKILLS & INTERESTS

Skills: Java, Spring Framework, Spring Security, SQL, C++, React Native, Python

Languages: English, Spanish, Catalan

Interests: Water Sports, Traveling, Technology, FC Barcelona