

Pedro Silva

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Skills

Languages: CSharp, Java, Kotlin, SQL

Frameworks: .NET, Xamarin, MAUI, ADO.NET

Tools: Firebase, Azure DevOps (TFS), AppCenter, JIRA

Experience

Product Manager and Full-Stack Developer, Tecmic – Leiria, PT Mar 2020 – Present

- Create and maintain services and APIs to share public information of Portugal highways with Google (and other clients) implementing GTFS Protocol, used in over 100 countries
- Manage public information Apps of some Portugal and Brasil highways, with more than 100k users, for known clients like Carris
- Designed and optimized a time estimation system, providing accurate bus schedules for Lisbon for over 300 information panels and Apps
- Code maintenance with mid-size team, integrating CI/CD services to optimize deploying time and costs, and project management with agile tools from Azure DevOps Server

Full-Stack Mobile Developer, IPN - LIS – Coimbra, PT Mar 2017 – Mar 2020

- Developed new Android native applications for sports betting/trading
- Product management of Android applications with sports betting clients worldwide
- Integrated a small team implementing agile tools from JIRA

Mobile Developer, WIT – Leiria, PT Nov 2015 – Apr 2016

- Developed and maintained the RCS project - a carrier message system integrated on some Telecom operators
- Maintained multiple client projects in banking and telecommunications, ensuring high performance and reliability

Internship and Full-Stack Developer, CreativeSystems – S. João Madeira, PT May 2014 – Nov 2015

- Worked on RFID solutions, with major player on retail area, committed on all processes like requirement gathering, architecture and development
- Provided consulting to national companies to expand and improve their logistics with RFID technology
- Researching and pioneering Android mobile Apps to address internal necessities

Projects

Blackjack Wizard - Mobile App Google Play

- Built an App to dynamically calculate optimal decisions for blackjack hands, using a real-time counting system
- **Technologies:** Android SDK, Kotlin, Firebase, AppCenter

Data Crawling and Analysis

- Developed a tool to analyse the randomness consistency across many sites, when they uses open-source protocols
- Experience-based tool leveraging the theory of randomness with .Net and Python

Education

- MS in Software Engineering (thesis pending) - Coimbra University Set 2016 – jan 2018
- BS in Software Engineering - Aveiro University Set 2009 – Out 2013