

RuiCosta

Senior Software Developer



presentation

A versatile and professional graduate software developer with 10+ years of commercial experience. Worked with C++, C#, Javascript and PL/SQL on Windows environments. Mac Os and Linux user with 10+ years of personal experience.

A proven ability to maintain and enhance company software with the aim of improving operational functionality in line with business requirement.

Able to work with any technology and to perform full software development life cycle activities.

Looking for a software developer opportunities that will allow me to work alongside an expert team of developers and on challenging projects in terms of technology and implementation. Thereby helping to drive my career progression, increasing experience in different technologies.

contact

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Portugal

✉ ruiduartecosta@gmail.com

📞 ruidacosta

in ruidcosta

languages

Native portuguese
Fluent English & Spanish
Basic french (A1)

programming

C++, C#, Python,
PL/SQL,
Bash Scripting,
PHP, Java,
JavaScript,
CSS & HTML5, Golang,
Rust

frameworks

NodeJS, AngularJS,
jQuery, Django,
Symfony

tools

Sqlite, MySQL,
Oracle, PostgreSQL
MongoDB, Hadoop/Hive
Git, SVN,
Windows, Linux,
MacOS, Docker

experience

Full Time

2021–Now **Natixis, Sucursal em Portugal - Sophis Stress Tests Commodities Senior Software Developer**

Porto, Portugal

Working directly with business analysts and business users, located in Paris and London, in order to implement his needs. Develop new features in existent backend applications, to improve the stress test calculations and user needs. Also fixing bugs and code optimization. Generating specific reports for users, and import calculation results to Hadoop database. Support on Sophis Commodities Stress Tests, with On Call support during the night and weekend.

Key Skills: C++, C#, Oracle Database, SQL Server, Hive, Hadoop, Windows Batch Scripting, Python, Git, Sophis API, Commodities

2017–2021 **Natixis, Sucursal em Portugal - Sophis Front-Office Equities Software Developer**

Porto, Portugal

Work directly with business analysts, located in Paris and London, in order to implement client needs. Develop new features in existent applications (Squall and Booster) used by clients to book and manage contracts of SLB (Stock Lending and Borrowing) and TRS (Total Return Swaps). Create executables to generate specific client reports in csv files, and sending then by FTP or directly by email. Develop and manage communication on gateways with external SLB exchanges. Maintenance on existent applications, correcting bugs and optimising code. Second line support on Sophis Front Office - Equities.

Key Skills: C#, C++, Oracle Database, SQL Server, MySQL, WPF, Windows Batch Scripting, SVN, TFS, Git, Sophis, Equities

2013–2017 **Finantech - Front-Office**

Software Developer

Porto, Portugal

Build functions and procedures on Oracle Databases for all company's trading systems. Add features, using C#, on a software designed to enable clients to configure their business rules. Fix bugs on trading server-side software, using C# and C++. Maintain existing libraries for communication interfaces with market data providers updated, using C++. Develop a Web Interface for all server side trading systems, using AngularJS and JQuery on front-end and C++ on backend. Server side application to insert real-time market data on a DB2 database system. Support clients in European and American financial markets.

Key Skills: C++, C#, Oracle Databases, HTML, Javascript, JQuery, AngularJS, DB2 Databases, Fix Protocol, HTTP, REST API, Multi-Threading

Part Time

2006–2010 **Freelancer**

Backend developer

Develop back-end for some small websites in PHP.

Key Skills: PHP, MySQL, Apache, HTML, Javascript

education

2010–2013 **Incomplete Master** of Software Engineer

University of Porto, Portugal

Specialization in Network and Distributed Systems.

Thesis missing

2006–2010 **Bachelor** of Software Engineer

University of Porto, Portugal

interests

professional: software development, software design, web app creation, real-time computing, high-throughput computing, high-performance computing, parallel computing **personal:** shooting (sport), riding motorcycle, travelling, fishing, spearfishing