Rui Ramos

Engineering Manager

Rui Ramos
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Skills

Leadership
Solution Design
Distributed Systems
Software Development
Data Engineering
Systems Administration
High Performance Computing
Cloud Solutions
On-Prem Solutions
Open Source Systems

Languages

Portuguese
English

Versatile Engineering Manager with a robust IT background, excelling in crafting innovative solutions from High-Performance Computing to Cloud-based architectures and Data-centric services.

FARFETCH / Engineering Manager
Feb 2021 - PRESENT, Porto, Portugal

As an experienced Engineering Manager, I have spearheaded a mission-oriented cluster of 4 teams focused on advanced Data Products and ensuring excellence in Backend and Frontend services to fortify the Farfetch Platform ecosystem. This mission involves improving the utilization of data while guaranteeing the reliability and governance of the Data Lake.

ESCE-IPVC / Invited Professor
Feb 2018 - PRESENT, Valença

As an Invited Professor at ESCE-IPVC, I bring extensive expertise to the post-graduation program in Digital Marketing, specializing in the domain of Digital Analytics.

FARFETCH / Lead Big Data Engineer
Jan 2018 - Feb 2021, Porto, Portugal

As a Lead Data Engineer, I have spearheaded a dynamic Big Data team focused on developing cutting-edge Data Products within a Cloudera Cluster environment. Our work revolves around harnessing the power of key services such as Spark, Hive, Hbase, HDFS, and Flume to drive innovative solutions and actionable insights.

FARFETCH / Big Data Engineer
Feb 2016 - Dec 2017, Porto, Portugal

As an integral member of the Farfetch Business Intelligence & Analytics team, I have assumed a pivotal role in the development of high-performance, distributed computing tasks utilizing cutting-edge Big Data technologies. My responsibilities encompass the orchestration of tasks within the Hadoop ecosystem, implementation of NoSQL databases, and leveraging various distributed environment technologies tailored to the unique needs of the organization.

U.PORTO / Systems Administrator

Mar 2009 - Jan 2016, Porto, Portugal

As a dedicated Systems Administrator, I have played a pivotal role within the Administration and Computational Unit at the Rectory of the University of Porto. In this dynamic role, I have been responsible for overseeing and managing a comprehensive suite of central services crucial to the university's operations, including DNS, Mail, Identity Management, eLearning platforms, HPC/Grid Cloud, Digital Repositories, Storage and Servers.

U.PORTO / HPC & Grid Computing Specialist

Mar 2006 - Mar 2009, Porto, Portugal

As a seasoned HPC & Grid Computing Specialist, I bring a wealth of expertise in the development and administration of cutting-edge computational services based on GRID technology.

LIACC - Artificial Intelligence and Computer Science Laboratory / Researcher

Jul 2004 - Nov 2004, Porto, Portugal

As a researcher, I actively contributed to the "Integrated MIMO Models and Infrastructures for Mobile Computing" project at LIACC, a leading Laboratory of Artificial Intelligence and Computer Science. In this role, I played a pivotal part in advancing the project's objectives through my responsibilities as the developer of a Java compiler for a distributed language.

FINANTECH / Software Developer

Feb 2004 - Jun 2004, Porto, Portugal

During the culmination of my Computer Science studies, I undertook a challenging and impactful final project focused on the development of a Market System application. This project showcased my advanced skills in software development and involved the creation of a robust application using .NET C/C++ and the FIX protocol.

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Education

U.PORTO / BSc Computer Science

1999 - 2004, Porto

Computer Science refers to the science of construction and the methods and techniques of using computers. This degree course provides a solid foundation in programming, with special emphasis on the scientific knowledge that makes computers the powerful and indispensable tools that they are.

Publications

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Studying the feasibility of (quasi)real-time spatio-temporal applications using grid infrastructures

Jun 2012 publication description Conference: Joint GISELA-CHAIN Conference

UPORTOaai - The Authentication and Authorization Infrastructure at the University of Porto

Conference: EUNIS 2011 Maintaining a sustainable Future for IT in Higher Education, At Dublin, Ireland

Certifications

- *Functional Programming Principles in Scala*
- *Relational Database Support for Data Warehouses*
- *Data Warehouse Concepts, Design, and Data Integration*
- *Database Management Essentials*
- *CS105x: Introduction to Apache Spark*
- *edX Verified Certificate for Big Data Analysis with Apache Spark*

Supporter

- *GreenPeace*
- *Wikimedia Foundation*
- *WWF*