

Bruno Fernandes

MASTER IN BIOMEDICAL ENGINEERING - MEDICAL INFORMATICS

28/09/1993 - 27 years old

Lisboa

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"The best way to pay for a lovely moment is to enjoy it." — Richard Bach

Experience

Quality Assurance Engineer

CELFOCUS

Lisboa

August 2018 - Present

At Celfocus I am responsible for the **development** and **execution** of **automation scripts** for different internal and external projects. Simultaneously, I am involved in **support tasks** to address different needs from the diverse projects and **training activities** for test developers.

As I am integrated in the **Automated Testing Framework**, I work with a **DevOps** cultured team backed by **Agile methodologies**. Additionally, I am also involved in projects inside and outside the QA business, such as the **setup of CI/CD pipelines** for development.

Quality Assurance Engineer

WEDo

Braga

August 2017 - August 2018

At WeDo, I was involved in the development and execution of **exploratory** and **automated tests** to ensure product quality. My main responsibilities included the comprehensive **design, development** and **execution** of **automation scripts, debugging** and **code maintenance** before product launches to ensure software runs smoothly and meets client needs, while being cost-effective.

At the same time, I was also responsible for **reviewing system requirements** and **tracking quality assurance metrics** to provide timely and meaningful feedback on the testing activities.

Software Quality Assurance Manager

PEEKMED

Braga

November 2016 - August 2017

PeekMed is a 3D pre-operative planning software for orthopedic surgery. As Software QA Manager I **tested** PeekMed's **software** and **mobile app** for potential problems or bugs before they're released to the public making sure they're working properly. Software testing involves going through the **typical uses** of the programs, as well as potential misuses to see if problems or **bugs** arise, using **JIRA** and **Confluence** for bug reporting.

Additionally, I was also involved in the **implementation of the Quality Management System (QMS)** that documents processes, procedures, and responsibilities for achieving **quality policies and objectives** in order to coordinate and direct PeekMed's activities to meet customer and regulatory requirements and improve its **effectiveness** and **efficiency** on a continuous basis.

Education

Master in Biomedical Engineering - Medical Informatics

UNIVERSITY OF MINHO

2011 - 2016

The master's degree in Medical Informatics encourages the implementation of **information technologies** in the planning, development, adoption and application of methodologies in a perspective of **increasing the quality of healthcare services' provision** and **management** using **database** technologies, **intelligent systems** and **communication and networks**.

I developed my master's thesis on the topic of transplantation in order to develop a **web platform** to support **medical decision-making** implementing and using **Business Intelligence** tools.

Extracurricular Activity

Chief Information Officer

YOUNG MINHO ENTERPRISE

July 2015 - October 2016

Young Minho Enterprise is the University of Minho's junior enterprise. As CIO I was responsible for a team of 3 people, working together to ensure the **management** of the company's website, email accounts and providing the best **IT solutions** in order to effectively address the needs of the company.

Additionally, I was also responsible for producing the visual content used in the communication elements.

Project Manager - Inside #Enterprises

YOUNG MINHO ENTERPRISE

November 2014 - June 2015

Inside #Enterprises is a project organised by Young Minho Enterprise which aims to visit monthly the most innovative companies of the Minho region while providing a pleasant and worry-free environment to its participants. As Project Manager I was responsible for its first edition, leading a team of 6 people which allowed me to develop my **leadership** and **teamwork skills**.

At the same time, I was able to broaden my sense of **organisation** and **coordination** in order to ensure the management of events, participants and enterprises to visit, always adopting a **dynamic** and **cheerful** attitude.

Volunteering

Informatics Trainer

PORTUGUESE RED CROSS - DELEGATION OF GUIMARÃES

February 2016 - August 2016

I **volunteered** as an Informatics Trainer at the Digital Inclusion Office (Gabinete para a Inclusão Digital), a senior support program promoted by the Guimarães' Delegation of the Portuguese Red Cross.

I was responsible for **teaching a class of senior citizens the principles of Informatics** as well as **writing a Trainer's Guide** for future trainers in the Informatics area. This project gave me the opportunity to improve my **communication** and **interpersonal relationship skills** and **adaptability** to different realities.

Personal

LANGUAGES

English: C1

French: A1

Spanish: A1

Swedish (self-taught): A1

IT SKILLS

Languages: CSS, HTML, Java, JavaScript, Prolog, Python, R (basic), Scala and SQL.

Tools/Technologies: Confluence, Docker, Docker Compose, Eclipse, Git, HP Quality Center, IntelliJ IDEA, Jenkins, JIRA, Maven, Network Protocols, Pentaho, Selenium, SVN, Visual Studio Code and Tableau.

Databases: Oracle, MySQL, PostgreSQL and SQLite.

Frameworks: AngularJS, Django, Flask and Gatling.

Operating Systems: Windows, Linux and macOS.

Publications

Real-Time Healthcare Intelligence in Organ Transplantation

IGI Global, 2017

in NEXT-GENERATION MOBILE AND PERVASIVE HEALTHCARE SOLUTIONS

José Machado, António Abelha, Manuel

Filipe Santos and Filipe Portela (eds)

- Bruno Fernandes, Cecília Coimbra and António Abelha

Steps towards Interoperability in Healthcare Environments

IGI Global, 2016

in APPLYING BUSINESS INTELLIGENCE TO CLINICAL AND HEALTHCARE ORGANIZATIONS

José Machado and António Abelha (eds)

- Hugo Peixoto, Andréa Domingues and Bruno Fernandes

Evolutionary Intelligence and Quality-Of-Information A Specific Case Modelling

IGI Global, 2016

in APPLYING BUSINESS INTELLIGENCE TO CLINICAL AND HEALTHCARE ORGANIZATIONS

José Machado and António Abelha (eds)

- Eliana Pereira, Eva Silva, Ana Pereira, Bruno Fernandes and José Neves