



Adolfo Peixinho

Curriculum Vitae

Personal Details

Date of Birth **12-07-1979.**

Nationality **Portuguese.**

Residence **Portugal , Aveiro .**

Experience

Professional

2024 Nov - **Software Developer, APSIDE, Aveiro.**

2023 Dez Develop and maintain new software features for APSIDE clients. Contribute to technical discussions to align with Agile processes and maintenance of APSIDE clients software. The following technologies were used in no particular order:

- Java 17, SpringBoot 3, Maven 3, Angular 14
- Oracle DB, Rancher

2022 Sep - **Software Developer, Europeana, Den-Haag.**

2021 Oct Develop and maintain the Metis ingestion framework and work on integration with Europeana Cloud. Contribute to technical discussions for the addition or modifications of components in the Europeana architecture. Contribute to the maintenance and update of the overview of the Europeana aggregation systems architecture as appropriate.

The following technologies were used in no particular order:

- Java 11, SpringBoot 3, Maven 3, Artifactory, Jenkins
- PostgresDB, MongoDB, RabbitMQ, Solr

2021 Jan - **Sr. Design Tool Specialist, VodafoneZiggo, Utrecht.**

2020 Jan Creating and managing design baselines for all designers and architects through requirements and design tools. This includes the (components, interfaces, use cases, etc.) of the IT landscape. Managing and adjusting the design model, helping designers and architects create designs through the tools and adding data to improve the quality and coverage of the baseline.

The following technologies were used in no particular order:

- TopTeam Analyst, Internet Information Server, Windows Server
- Python, Excel, VBA, MS SQL

- 2019 Aug - **DevOps**, *KPN*, Amersfoort.
- 2018 Mar Support for iTV targeted advertising squad. Implement continuous integration - continuous delivery methodologies and environments for the software being developed by iTV TA squad. The following technologies were used in no particular order:
- Kubernetes, Docker, Network Management
 - Java 8, SpringBoot, Maven
 - Jenkins, Ansible, SonarQube, Nexus, Shell scripts
- 2017 Jul **DevOps (Tricode Consultant)**, *NS*, Utrecht.
- Maintenance of current test-framework. Implement a proof-of-concept of the development environment for integration in the software delivery process. The following technologies were used in no particular order:
- Docker, Gradle, Shell scripts
 - Intershop 7.7, OracleDB-EE-12c
- DevOps (Internal)**, *Tricode*, Veenendaal.
- Maintenance and development of Tricode's internal software quality assessment framework. The following technologies were used in no particular order:
- Java 8, SpringBoot, Maven, NPM, Node
 - Angular2, Electron, MySQL, Docker, Selenium
- Software Developer (Internal)**, *Tricode*, Veenendaal.
- Upgrade of Tricode's website to the latest Magnolia CMS release. The following technologies were used in no particular order:
- Java 8, Magnolia Enterprise 5.5, JCR, Maven
 - Freemarker, JQuery, YAML
- Software Developer (Internal)**, *Tricode*, Veenendaal.
- Worked on the proof of concept to migrate websites to Adobe Experience Manager. The following technologies were used in no particular order:
- Adobe Experience Manager
 - Java 8, Spring Framework, OSGi
- 2016 Aug **Software Developer (Tricode Consultant)**, *Liberty Global - LGI*, Amsterdam.
- Worked maintaining and developing new features for the LGI E-Commerce, sales layer platform. The following technologies were used in no particular order:
- Java 8, Spring Framework, Maven, Hibernate
 - Freemarker, Selenium, JUnit, Mockito, Gigaspaces, SoapUI, Vagrant, Swagger, Ansible
- 2016 Jul - **Java Developer**, *Cycleon*, Utrecht.
- 2015 Oct I was responsible for maintenance tasks on Cycleon's reverse logistics main SaaS platform. The following technologies were used in no particular order:
- Postgres, SQL
 - Java 8, Spring Framework, Struts
 - Hibernate, Tomcat, Pentaho, JasperReports
 - JQuery, Javascript, HTML, CSS

2015 Sep - **Software Engineer**, *Multicert*, Porto.

2014 Mai I was co-responsible for the architecture specification and documentation, development and testing Multicert Electronic Voting System integration with Continuous Development (CI) infrastructure for post client certification and later product deployment.

Working on the development, integration, staging, production stack.

The following technologies were used in no particular order:

- Vagrant, VirtualBox, Bash (+ other GNU-Linux goods)
- Java 8, Spring Framework, Spock
- Postgres, Hibernate, JPA, Tomcat
- JQuery, Javascript, HTML5, CSS, Bootstrap
- ... and, of course, also [google](#), [stackoverflow](#) and other APIs docs

2014 Apr - **Web Developer**, *MAHLE*, Murtede.

2014 Feb Internship at MAHLE GmbH. I was responsible for the infrastructure upgrade of the previous local technical library website.

Academic

2012 **Research Fellowship Grant**, PRICE (“Privacy, Reliability and Integrity in Cloud Environments”), Instituto das Telecomunicações IT - (Coimbra - Covilhã).

Some of the work developed during *PRICE* was included in my Master Thesis.

The following technologies were used in no particular order:

- VirtualBox, Bash (+ other GNU-Linux resources)
- Eclipse, Netbeans, Java, Java 7, Java Server Faces
- MySQL, Hibernate, JPA
- JQuery, Javascript, HTML, CSS
- JBoss, Glassfish
- EJBCA (for the Certificate Authority)

Occupational

2012 **Microsoft® Imagine Cup Competition**, *Game Design*, Windows Phone 7.

A couple of fellows get together and decide they want to take a shot at “new” Windows Phone 7 SDK paraphernalia.

The following technologies were used in no particular order:

- Windows Phone 7 SDK
- Windows XNA Game Studio
- Microsoft Visual Studio
- *indecent* amounts of coffee
- Achieved the 3rd stage of the competition (one more stage and we would go to Australia for the finals)

Education

2013 **Master in Computer Engineering**, *Universidade da Beira Interior*, Covilhã, Portugal.

Master's Thesis

Title Threshold Cryptography in Digital Certificates

Supervisors Professor Paul Andrew Crocker and Professor Simão de Melo Sousa

Description Threshold Cryptography Framework, with the use of CA (Certificate Authority) and PKI (Public Key Infrastructure). The Threshold Scheme is supported by adding an extension to Digital Certificates (cryptographic token) in order to implement Shamir's Secret Sharing Scheme

Research Fellowship Grant *PRICE* (“*Privacy, Reliability and Integrity in Cloud Environments*”) by Instituto das Telecomunicações IT-(Coimbra//Covilhã) integrated in Masters Dissertation

2011 **Degree in Computer Engineering**, *Universidade da Beira Interior*, Covilhã, Portugal.

Degree Project

Title Biometric Recognition through the Shape of the Ear

Supervisors Professor Hugo Pedro Martins Proença Carriço

Description Human ears detection system, through the method of extraction of invariant features using SIFT (Scale Invariant Feature Transform)

Extra-Curricular Formation

2012 **CISCO® CCNA Exploration: Network Fundamentals**, *Universidade da Beira Interior*, Covilhã, Portugal.

2012 **MATLAB® Professional Development of Programs**, *Universidade da Beira Interior*, Covilhã, Portugal.

2009 **Formation in Creation of Database Structures in SQL**, *AECBP*, Associação Empresarial da Covilhã, Belmonte e Penamacor, Covilhã, Portugal.

2009 **Entrepreneurship Formation in Energy and Climate Change**, *Universidade da Beira Interior*, Covilhã, Portugal.

2009 **Pedagogical Formation of Trainers - CAP V**, *Universidade da Beira Interior*, Covilhã, Portugal.

Extra-Curricular Activities

2012 **Microsoft® Imagine Cup Competition**, *Game Design*, Windows Phone 7.

Relevant aspects of the competition:

- Achieved the 3rd stage of the competition

2010 **Workshop on Signal Processing**, *Universidade da Beira Interior*, Covilhã, Portugal.

Scientific Articles

2014 **Secret Sharing Framework based on Digital Certificates**, *European Conference on Cyber Warfare and Security ECCWS*, University of Piraeus, Greece.

2012 **Secret Sharing for High Security Codes on Smart-Cards**, *European Conference on Information Warfare and Security ECIW*, University of Jyväskylä, Finland.

2011 **UBEAR: A Dataset of Ear Images Captured On-the-move in Uncontrolled Conditions**, *IEEE Workshop on Computational Intelligence in Biometrics and Identity Management CIBIM*, Paris, France.

Communication Skills

2010 Oral Presentation in Workshop on Signal and Image Processing at *Universidade da Beira Interior*

Languages

Portuguese **Mothertongue**
English **Advanced**
Dutch **Basic**

Written and conversational fluency
Conversational, but challenging