# Carlos Damasio

### Senior Software Engineer

#### Pronouns: He/Him | Date of Birth: 19th August 1987 | Nationality: Portuguese

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### Career Summary

With over a decade experience in Business Intelligence systems I’ve worked on many areas in the field, from data analytics and visualisation to data engineering and most recently as a platform engineer.  
Over the years I’ve developed and managed Business Intelligence solutions in different industries like Games, Public Administration, Telecommunications and across various countries such as Angola, Brasil, Portugal and the United Kingdom.

### Key Skills and Competencies

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| --- | --- |
| * Data Visualisation * Data Engineering * Amazon Web Services * CI/CD * Infrastructure as code * Serverless Architectures * SQL/NoSQL Databases * APIs | * Python * SQL * Terraform * Docker * Ansible * Packer * React * Golang |

### Work Experience

#### **Senior Platform Engineer** at **Sony Interactive Entertainment Europe** (London, UK - July 2019 to present)

* Transformed what was essentially a lift and shift from the on-premises Infrastructure to an Infrastructure as Code approach
* Developed and deployed CI/CD pipelines for the Analytics Apps including AMI creation, Docker image creation, Python based APIs, React frontends, various types of Infrastructure (e.g. databases, load balancers, auto scaling groups)
* Developed and deployed multiple custom tools and apps on AWS to enhance and support the Analytics Apps, e.g. SQL Scheduler, Cross Tool User Management portal, Unified Tool usage data pipeline
* Migrated our applications from Windows servers to Linux (AML2023), refactored and automated the various needed configurations so all the components are up and running on a Linux distribution

**Technologies used:** Terraform, Cloudformation, Ansible, Packer, Linux, Windows, Python, Golang, NodeJS, Nginx, Tomcat, React, Docker, Jenkins, AWS, MicroStrategy, Tableau, Snowflake, Datadog

#### **Senior Business Intelligence Engineer** at **Sony Interactive Entertainment Europe** (London, UK - August 2016 to July 2019)

* Report and Dashboard development
* Data Engineering
* Requirements Gathering and Analysis
* Business User Guidance and mentoring junior developers

**Technologies used:** MicroStrategy, Tableau, IBM Netezza, IBM InfoSphere Data Architect

#### **Business Intelligence Consultant** at **Novabase Business Solutions** (Lisbon, Portugal - September 2011 to August 2016)

* Worked in multiple Business Intelligence projects across various industries and countries including:
  + **Vodafone Group (Telecom Company, UK)** - Development of a Vodafone Data Warehouse Group Solution, being part of the ETL team, the main responsibilities included ETL development, tasks estimation, follow and validate the work from junior developers
  + **Movicel (Telecom Company, Angola)** -Managing the Reporting Team, the role responsibilities included Reports and Dashboards development, Servers and Tool administration, Analytics Platform road map specification, Development process specification, business users and developers training, focal point with MicroStrategy for new products presentation and Platform assessment

### Academic Qualifications and Certifications

**Qualifications**

**Instituto Superior de Ciências do Trabalho e da Empresa – ISCTE-IUL Lisbon, Portugal** (*2006 to 2011*)

* BSc in Computer Science and Business Administration

**Certifications**

* AWS Certified Solutions Architect Associate (*2019*)
* MicroStrategy Certified Engineering Principal (*2015*)

### Languages

**Portuguese**: Native Language

**English**: Fluent

**Spanish**: Conversational