

John Doe
john@mail.com
<https://github.com>
<https://www.linkedin.com/in/whatever>
(351) 555-555-555

Address
street
whatever
city
country

João Madureira

Software Engineer

Experience

February 2022 - Now, Teya, Principal Engineer

Worked on several projects with different responsibilities.

API gateway

- Maintain and later on migrate Teya's API Gateway from NginX to Kong

APIs

- Part of the API review team that ensured all APIs published by teams met the quality requirements
- Designed and implemented an API publishing process aligned with PCI-DSS requirements

Authorization

- Developed Teya's central authorization service based on SpiceDB (<https://authzed.com/spicedb>)

Internal productivity

- Implemented Teya's internal developer portal based on Backstage (<https://backstage.io/>)
- Developed tech scorecards to ensure all projects met the quality requirements
- Created tools to visualize security vulnerabilities published by internal tools, interact with k8s workloads on cloud environments and automate workflows

December 2020 - January 2022, Cloud Architect, Körber Digital

Responsible for designing cloud based solutions (based on Azure resources) as part of Körber Industry 4.0 initiative. Worked on the following projects:

- Bootstrap an entire Azure cloud infrastructure to be connected to all development centers from the Körber group
- Deploy and configure a fully functional Gitlab solution with auto-scaling, runners for CICD, private artifact registry among other features
- Deploy a fully functional Azure K8s cluster with private networking, Active Directory authentication and auto-scaling
- Consulted on different projects outside the Körber group

March 2016 - November 2020, CO-Founder and CTO, Invisible Cloud

Design and implementation of an online debt collection management solution called Invisible Collector <https://www.invisiblecollector.com>.

Development of an online store for Artnovion (<https://www.artnovion.com>) and Kuietly (<https://www.kuietly.com>).

Technologies and tools used:

- Azure and AWS managed via Terraform;
- Ruby on Rails with Vue.js for the website;
- Dropwizard for APIs;
- Memcached for caching purposes;
- Chef for machine configuration management;
- Galera Cluster over MariaDB and PostgreSQL;
- RSpec, Cucumber, Junit for testing purposes.

Dec 2012 - March 2016, Java Developer, Blip Web Designers

Development and maintenance of Betfair's Sportsbook website which included:

- Both international (<https://www.betfair.com/sport>) and Italian (<https://www.betfair.it/sport>) websites;
- Development and support for some of Betfair's signature products like *Cash Out Multiples* and *Price Rush*;
- High performance and scalable web services supporting all of Betfair's sites and mobile applications.

Technologies and tools used:

- Spring, Tomcat, Jetty for the website and services;
- Couchbase for caching purposes;
- Elasticsearch for search and indexing purposes;
- Maven, Jenkins and Chef for build and deployment management;
- TestNG and Selenium for integration tests.

John Doe
john@mail.com
<https://github.com>
<https://www.linkedin.com/in/whatever>
(351) 555-555-555

Address
street
whatever
city
country

May 2011 - Nov 2012, Software Consultant, Portugal Telecom

Development of an application monitoring solution for Portugal Telecom. Worked on UI components developed with:

- Ruby on Rails, JQuery, Sinatra for the website;
- memcached for caching purposes;
- Apache ActiveMQ and Camel for messaging and routing;
- MySQL for the datasource.

Nov 2010 - Apr 2011, Software Developer, Nokia Siemens Networks

Design and implementation of a functional prototype using several new concepts that could be added to NSN's main network and performance management solution. This analysis not included:

- Oracle and PostgreSQL as database solutions;
- Portlets and GWT as web components;
- EMF as a modeling tool.

Sept 2009 - Oct 2010, Software Developer, Nokia Siemens Networks

Migration of the continuous integration process used by NSN's network and performance management solution to a centralized (cloud based) environment. This new environment used:

- Bamboo for the frontend interface;
- Ruby on Rails for virtual machine and artifact management;
- SubVersion and Maven for source control and build management.

Dec 2007 - Nov 2009, Software Developer, Nokia Siemens Networks

Prototyping and development of an ETL solution to be used by NSN's new network and performance management solution base on ESB (Enterprise Service Bus).

Implementation of a production pipe using:

- Ant for build management, later migrated to Maven;
- Clearcase for source control management, later migrated to SVN;
- CruiseControl for the frontend interface and build management purposes;
- Virtualization of test machines using KVM.

Sept 2006 - Nov 2007, Software Developer Trainee, Siemens Networks

Activity developed as part of a professional trainee program.

Design and specification of a new data format used by Siemens to describe a telecommunication network. This data format was meant to be less verbose and error-prone. Development and test of modules for Siemens' performance management solution in both C++ and Java.

Mar 2006 - Aug 2006, Software Developer Trainee, Siemens SA

Activity developed as part of a curricular trainee program.

Development of an IDE based on Eclipse RCP to aid on the development of Siemens's network performance management solution.

Training

May 2014, Scrum Alliance

Scrum Master course and CSM (Certified Scrum Master) exam.

Mar 2012, VMWare Educational Services

Core Spring

Feb 2008, Quality Tree Software

Agile Testing and TDD (Test Driven Development).

Sept 2007, Learning Tree International

Java Enterprise Application Development - JSP, JSF, EJB3, JPA, JMS.

Aug 2007, Learning Tree International

Advanced Java Programming - Annotations, concurrency, class loaders, NIO, JMX

Education

09/2005-07/2006, British Council

CPE (Certificate of Proficiency in English).

ESOL exam completed with a level B (between 75% and 79%).

09/2001-09/2006, Faculty of Engineering from the University of Porto

Licentiate in Informatics and Computing Engineering completed with an average of 16 out of 20.