Pedro Bruno Viveiros Ferreira

"Code hard, innovate harder"

Contacts

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Years IT Experience

8 years

Degrees

Master Degree Technologies and Decision Knowledge

ISEP - Instituto Superior de Engenharia do Porto
2012 – 2015

Bachelor Degree Computer Engineering

UMa – Universidade da Madeira
2005 - 2010

Languages

Portuguese – Native (C2)
English – Advanced (C1)
Spanish – Beginner (A1)

Brief personal and professional description

I am an experienced IT professional with 8 years in development, holding a Master's from ISEP and a Bachelor's from UMa. I am skilled in Java, MySQL, PostgreSQL, Spring, Agile/Scrum methodologies, and database management.
I am dedicated, hardworking, team-spirited, and eager to embrace new challenges.

Technical Skills

(1)Beginner; (2)Intermediate Level; (3)Advanced Level; (4)Professional Level; (5)Expert;

Programming			
Technology	Evaluation	Versions	Years
Java	4	7,8,11	8
PHP	3	5	2
Typescript	2		1
Databases			
MySQL	4	6,8	6
PostgreSQL	3	13	1
MongoDB	3	7.0	1
Frameworks			
Spring	4		2
Angular	2	10	1
Middleware			
REST	4		3
RabbitMQ	2		
Apache Kafka	2		1
Methodologies			
Agile/Scrum	4		3
Waterfall	4		6
Tolls/Others			
Maven	4		8
Junit/Mokito	4		2
Hibernate	4		8
JPA	4		8

Professional Experience

Backend Developer
Devoteam
2022-05 – 2024-04

Client
Vodafone
2023-07 – 2024-04

Description
We worked to build a distributed solution for operating and managing IOT Vodafone Sim cards.
Team made up of 15 people, Software Engineers, testers, devops, PO, PM and Scrum Master. We had several meetings from the daily, the retrospective, the sprint review(demo), and the PI planning.

Responsibilities
Development and maintenance of Microservices (maintenance, correction, new feature creation, testing functionalities, etc).

Tasks
Creating unit and integration tests; Create the logic to generate and extract an Excel/PDF file; Creation of internal end-services (JWT, OAuth2); Analysis of defects at k8s; Handle of concurrency (ComputableFuture); Use of Kafka Connect to integrate Kafka with other data bases (Oracle and MongoDB).

Skills: Java 8; Maven; Spring Boot; Spring Data MongoDB; Spring Security; jUnit/Mockito; MongoDB; Liquibase; REST; Swagger; GitLab; Jenkins CI/CD; SonarQube; Agile/Scrum; Confluence/Jira; SonarQube; Kafka; Docker/Kubernetes(k8s);

Client
A-to-Be
2022-05 – 2023-06

Description
Project with emphasis in in web development for tolling infrastructures. The main goal was register the passage of a car in a tolling, and process payment according to his measures, using MVC as design pattern. The team made of 5 people, Software Engineers, testers, PO and PM. We had several meetings from the daily, the retrospective, sprint review(demo), and the PI planning.

Responsibilities

Development and maintenance of Microservices (maintenance, correction, new feature creation, testing functionalities, etc).

Tasks

Build an API Gateway; Implementation of unit and integration tests; Creation of a service for cataloguing car categories, etc.

Skills: Java 8; Maven; Spring Boot/Spring Data JPA; PostgreSQL; jUnit/Mockito; Liquibase; REST; Swagger; Gerrit; Agile/Scrum; Confluence/Jira; SonarQube; ASW S3; Docker; Angular;

Full Stack Developer
RANDTECH COMPUTING
2015-11 - 2022-02

Description

The challenge was about to build an intuitive web app for Insurance so all people could use and configure for all kind of necessities.
Team made up of 10 people, Software Engineers, and Support Team.

Responsibilities

Analysis and architecture planning; Maintenance; Correction; New feature creation; Debugging; Functional tests; code review, etc.

Tasks

Creating the search of account movements (financial account movement); Creation of a main menu adapted to the user (with permissions); Provisional certificates to use on cars; Creating and editing Jaspersoft reports; Automatic suspension and cancellation (policy and receipt); etc.

Skills: Java 8/11; Maven; Hibernate(ORM); JPA Criteria Queries; MySQL 6/8; Primefaces/JSF; HTML5; CSS3; Javascript; Git/SVN; JasperSoft;

Certifications

[MongoDB - The Complete Developer's Guide 2023](#)

Udemy – 2023

[Master Microservices with Spring Boot and Spring Cloud](#)

Udemy – 2023

[Git and GitHub](#)

Udemy – 2022

[Docker for Developers](#)

Udemy – 2022

[Unit Tests](#)

Udemy – 2021