Carlos David da Silva Gonçalves

Portuguese, from 12-1987 | Setúbal – Portugal | Mobile phone: (+351) 910 913 991 / E-mail: carloscajo@gmail.com

FORMATION

Engineering Informatics branch of Management, ESTSetubal / IPS - Portugal | 06-2012
- **Advanced Programming:** preparation of a Stock Market in JAVA with a final mark of 20 values and highlight in the science week of the university;
- **Final Project:** elaboration of an application for evaluation and performance of university professors, with a grade of 18 values (best course grade) and highlighted as the best project in the book: ISBN: 978-972-99824-8-4;

PROFESSIONAL EXPERIENCE

Senior Software Architect, November First – Denmark | 07-2021 – actuality
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CTO, Inspire IT – Portugal | 02-2019 – 07-2021
- As CTO I work a lot in the management and formation of multidisciplinary teams as well as in their leadership;
- Implementation of the entire development process in an agile environment (Kanban and Scrum) with Git Flow, Jira, Bitbucket and respective documentation in Confluence as well as Code Review. Always with a strategic vision to optimize development. Example: creation of a server for nugets and npm;
- Very hands-on person in proprietary systems, as well as Software Architect in the definition of solution architectures mainly in windows environment with .net core and react, working with APIs and microservices and MediatR with CQRS;
- Manages the full lifecycle of company projects, ensuring that they fall within budget and on schedule. Works with clients to ensure that project goals are aligned. Supports quality assurance and troubleshooting during the lifecycle of the project.
- R&D driver also focused on the implementation of new technologies such as Flutter for mobile applications, or even the Microsoft ecosystem for chatbots with LUIS, Bot Framework and Bot Framework Composer in Azure environments, among others;
- Booster of 3 Hackathons, two originating an internal product and the second to give an opportunity to show soft leadership skills of other team members;
- Implementation of the DevOps using (on Linux servers), Portainer for docker container management, sonarQube, swarm and kubernetes;

Senior .NET Software Engineer, Trainline AddCode – England | 10-2018 – 02/2019
- As a Senior .NET Software Engineer for the Fares Promotions cluster, I work remotely to provide a Web and Mobile (Android and iOS) solution with Restful APIs with .NET Core, Swagger, on AWS infrastructure, using tools like TeamCity, Jira, Github, Confluence, Oracle, SQL Server, ElasticSearch, Kibana, Grafana in an agile environment with Kanban;

Senior .NET Software Engineer, Farfetch - Portugal | 08-2018 – 10-2018
- As a Senior Supply Chain Engineer, I work with REST and Restful APIs in .NET CORE and .NET, using tools such as RabbitMQ, Octopus, TeamCity, Jenkins, Jira, Kafka, Cassandra, MongoDB, SQL Server, Docker in agile model with SCRUM with multidisciplinary teams.

Senior .NET Systems Analyst / Developer, Raízen - Brazil | 08-2016 – 06-2018

- Developer of Service Coding Portal using .NET, C#, SQL Server, Entity Framework, Version Control (SVN and Git), Unit of Work pattern, FluentAPI, Injection Dependencies, jQuery and Javascript, HTML5 and CSS3;

- Developer of Micro Messaging Service using .NET Core, C#, using MongoDB as database, ElasticSearch, Logstash and Kibana for LOGs management, RabbitMQ to manage message queue, Swagger for Restful API documentation and Docker to raise instances;

- Developer of Document Management System, using .NET, C#, SQL Server, Entity Framework, Version Control (SVN), SQL Server database modeling, jQuery and JavaScript, HTML5 and CSS3;

- Developer of Debit Note Portal using .NET, C #, SQL Server, Entity Framework, Version Control (SVN), SQL Server database modeling, jQuery and JavaScript, HTML5 and CSS3;

- Developer of the PUC (Single Sourcing Portal) project using .NET, C#, SQL Server, Entity Framework, Version Control (SVN), performance analysis and tuning in SQL Server, jQuery and JavaScript, HTML5 and CSS3. Implementation of SignalR for auction system;

Senior .NET Systems Analyst / Developer, Evolucional - Brazil | 10-2013 - 06-2016

- Development of REST APIs, Genetic Algorithms, Item Response Theory, Topological Sort, create caching strategies using Redis, .NET, C #, SQL Server, configure Windows servers in Amazon, Agile Methodologies (SCRUM and Kanban), Entity Framework and Dapper, analysis and data mining of INEP and SISU, Version Control (GIT), performance analysis and tuning in SQL Server, among others;

- DevOps operation with Jenkins, Git, AWS Amazon;

- I also play the role of **team leader and team management**;

Consultant .NET, Razão Virtual - Portugal | 03-2013 - 10-2013

- Responsible for group sites, and was a Consultant / Product Manager in the area of .NET and Microsoft technology;

- Responsible for projects:

  - **Matriz 3.0:** Information system for inventory, management and online dissemination of heritage, designed by the Ministry of Culture through the Institute of Museums and Conservation;

  - **SGC:** System that allows simple and integrated management of Consulate services, computerizing administrative processes related to consular acts;

  - **OWNET:** document content management system that integrates file, correspondence, fax, address, document search and workflow functionality into a wide range of applications and tools;

Consultant .NET, Closer - Portugal | 11-2012 - 03-2013

- Project for Deutsche Bank where I worked as a consultant having worked with Visual Studio 2012, C #, MVC, SQL Server 2012, Windows 8, TFS, Web services, Stored Procedures and Silverlight 5;

Consultant Deloitte - Portugal | 09-2011 - 03-2012

- At Deloitte I was basically involved in two projects:

  - **Barclays** in the Payment Systems area where my role was corrective and evolutionary maintenance in IBM Mainframe environment with COBOL, DB2, JCL, Batch, Jobs, and other tools inherent in the Mainframe environment;

- o **Unicre** where my role was also of corrective and evolutionary maintenance, and the technological environment was based on Softwell software Maker, based on Java and .NET C #, with SQL Server 2005, Stored Procedures and T-SQL;

Systems Analyst and Web Developer | Own Account | 07-2006 - actuality

- Since 2006, I work as a systems analyst and with web development for my own account and has worked on several websites and systems for several clients. Using PHP, WordPress, MySQL, SQL Server, jQuery, C #, .NET, among other technologies;

LANGUAGES

- **Portuguese:** native
- **English:** advanced
- **Spanish:** basic
- **French:** basic

SKILLS AND COMPETENCES

- **Leadership**
  - o 03/2015 - Participation in the Hack Day of the Lemann Foundation, project of mining of public data for demographic school positioning;
  - o 05/2010 - 09/2012 - Volunteer in the Project Pro Infinito e Mais Além that intervenes with children and youngsters from 10 to 24 years of age, mostly residing in the neighborhood Bela Vista in Setúbal;
  - o 2011 - 5th Regional place in the participation of 8º Poliempreende;
  - o 2010 - President of the IT Engineering Center of ESTSetubal / IPS;
  - o 2010 - Member of the Pedagogical Council of ESTSetubal / IPS;
  - o 2010 - Organization of the Informatics Week of ESTSetubal / IPS;
- **Computing**
  - o **Programming:** C, Java, ASP.NET, C #, PHP, COBOL, PL SQL, JSP;
  - o **Databases:** Oracle, SQL Server, MySQL, DB2 and PostgreSQL;
  - o **Web:** HTML, CSS, JavaScript, jQuery, XHTML, XML, JSON, REST APIs;
  - o **Cloud:** Azure and AWS;
  - o Versioning of code with GIT, SVN and TFS;
  - o Visual Computation (AForge and openCV), OMR and OCR techniques;
    - Scoring Process Automation, Test Score Reader, Score Brain, Plus Grading;
  - o Modeling, execution and management of Workflow processes;
  - o Knowledge in CMS, namely WordPress as well as the level of SEO, Internet Marketing and Social Media Marketing;
  - o Knowledge in Outsystems and Softwell Maker;
  - o Knowledge in IBM Mainframe;
  - o Knowledge in DevOps with Jenkins sonarQube, Docker, swarm and kubernetes;
  - o Knowledge with .NET framework > 4.0, .NET core >= 2.0 and .NET >= 5;