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International Experience

- **Dublin, Ireland:** December 2012 to March 2013 in Betboo headquarters developing a Virtual Football League web application using C#, JavaScript, jQuery and SQL Server.

Work Experience

Full Stack Developer Programmer – Harvest (IT Consulting) – <https://www.harvestmedia.net/>

August 2018 – to date

- Implemented a caching layer using AWS ElastiCache Redis and C# to store music metadata in a serialized format and to provide search response near real-time. Search response time reduced from 8s to 2s.
- Reduced SQL Server read workload drastically as search results are delivered from ElastiCache Redis.
- Ongoing SQL Server monitoring and tuning (indexes', query plans, table structure analysis), and C# code optimization according to New Relic Application Performance Monitoring (APM) reports.
- Developed an integration with Amazon Simple Queue Service (SQS) to send music metadata to be analysed by a third-party system and find similar music.
- Implemented a process using SQL Service Broker Message to invalidate cached metadata into Redis.
- Ongoing support of issues reported on existing features in the back office systems (C#, SQL, JavaScript).

Technical Project Manager – Bench (Digital Marketing) – <https://benchplatform.com>

August 2017 – August 2018

- Proactively contacted Plista technical team requesting documentation of their API with the following achievements:
 - Created an application using C# to integrate with their API, pulled daily marketing campaigns data automatically, wrote pulled data in a CSV file and sent by email to Data team.
 - Quality assurance and data entry integrity after API built.
 - Manual work reduced by 90%.
 - Data available for customers in the Bench Platform 3 hours earlier.
 - Data team more focused on new features for the platform.
- Managed two developers (1 frontend and 1 backend) in Russia.
- Responsible for understanding the scope of features with Project Managers and break it down into small tasks for the developers/designer using JIRA.
- Provided assistance to team to ensure delivery of quality software.
- Contributed to the team with innovative ideas to be implemented in the Platform.
- Responsible for Daily Report, Custom Report and Rates & Performance Estimates Report (reports used daily for the board team to check the marketing campaigns performance).

GDS Service Desk Administrator – Site Minder (Tourism)

April 2017 – June 2017 (Casual job of 3 months)

- Created a jQuery bot to load property rates and pricing into the Sabre System.
- Assisted customers in making correct use of the system to load rates, fix hotels pricing, and add stay restrictions through Sales Force system.

Senior .NET Developer – Envision Tecnologia (Tourism)

May 2015 – August 2016 (1 year and 3 months)

- Created a caching using Couchbase NoSQL Database to store flights, hotels, cars and services search results in a JSON format generated by thousands of customers, providing low-latency, delivering search response near real-time, and better user experience. Decreased search response time by eight fold.
- Created a geolocation feature on the flight search toolbar to select automatically the nearest airport based on the user IP using JavaScript, C#, and SQL Server.
- Created a Daily Updater Job responsible for searching for the best price in a range of dates.
- Support for Web Services with third-party systems such as Sabre, Tam, Azul, and Gol.
- Support for features in a Travel Solution System where customers sell airline tickets, issue tickets, book hotels, rent cars, and sell personalized services. Refactored existing code and removed redundancy.

Senior/Lead .NET Developer – FCamara (IT Consulting)

January 2015 – April 2015 (3 months)

- Created a Time Sheet System in AngularJS v1.5, RESTful WebAPI (OAuth, OWIN), SQL Server, Entity Framework, Azure, JavaScript, Bootstrap, HTML5, CSS3, Kanban, and Visual Studio 2013 Team Foundation Server (TFS).
- Led a team of five developers with key responsibilities to assign tasks and review codes.

Senior .NET Developer - F10 Desenvolvimento / Betboo / Diverso Games (Gambling)

July 2011 – May 2014 (2 years and 11 months)

- Created the Live Casino and Games websites for the European area using C#, ASP.NET, SQL Server, Entity Framework, Visual Studio 2010 Team Foundation Server (TFS), JQuery, Bootstrap, JavaScript, HTML5, and CSS3.
- Created a Web Service in C# connected to a SQL Server (Stored Procedures, Views, Triggers) database to make available for the third-party gaming provider.
- Created a bot in C# integrated with Yahoo currencies to download automatically international currency conversion rates and store in a SQL Server database.
- Integrated Online Voucher and Super Guillotel payment gateways using C# for customer buy credits and place bets through the website.
- Optimized SQL Server Stored Procedures for financial reports reducing three times the response time.
- Merged code into multiple environments via Git.
- Attended meetings to integrate third-party systems with companies from England, Scotland, Latvia and Malta, which were suppliers of online games.

Senior .NET Analyst Developer - Rede de Ensino LFG (Educational)

November 2009 – June 2011 (1 year and 8 months)

- Led a team of three developers with key responsibilities to assign activities and approve projects.

- Created a system of teachers' payment using C#, ASP.NET, SQL Server (Stored Procedures, Views, and Triggers), HTML, CSS, JavaScript, JQuery and Agile Methodologies.
- Collected requirements through weekly meetings with business areas and created documentation (Requirements, Use Cases, and Class Diagrams).
- Support for administrative systems, created new features, modelled database to new solutions, refactored existing code and optimized Stored Procedures.

Consultant .NET Analyst Developer - Freelancer Project (International Workshop FEA-USP)
February 2010 – April 2010 (3 months)

- Developed a web application for a workshop using C#, ASP.NET, SQL Server (database modelling), HTML, and CSS. Integrated the system with VISA payment gateway.

Mid .NET Analyst Developer – iThink (Digital Agency)
June 2008 – October 2009 (1 year and 5 months)

- Maintained large business web projects, for instance, Ache Laboratories, Gafisa, and Telefonica using SQL Server, JavaScript, C#, HTML, and CSS.
- Created Web Services using C# to integrate with Flash, CRM Sales Force, and Twitter.
- Built Windows Service applications to monitor folders and send reminder emails using C#.
- Developed an RSS reader plugin using C# and XML to attach in a DotNetNuke web application.

Jr. Analyst Developer – Paicon Technologies (IT Consulting)
March 2007 – May 2008 (1 year and 5 months)

- Responsible for visit customer to gather requirements and developing new features according to the requirements for a software of a chemical industry.
- Modelled SQL Server database, developed web and windows applications using C# and deployed on the Window Server.

Internship – Innovation Centre Microsoft
June 2005 – March 2007 (1 year and 10 months)

- Participated in the development of web applications using C#, Web Forms, SQL Server, and JavaScript.
- Created project documents' (Class Diagram, DFD, UML, Database Diagram, and Requirements).

Education

USP University of Sao Paulo – ranked number one best university in Brazil.
Bachelor's degree honours, Bachelor of Information Systems 2011 - 2015

Independent Coursework

MongoDB, Inc.

- M101N: MongoDB for .NET Developers – Certified <http://goo.gl/B7Eptq>.

Microsoft Training

- Programming C# using Microsoft .NET.

Technical Skills

.NET – ASP.NET MVC, WebAPI, WCF, Web Forms, Web Services, Entity Framework, LINQ, Azure, IIS.

JavaScript – Underscore.js, AngularJS, jQuery, Node, Express, Angular 2.

HTML/CSS – HTML5, CSS3, Bootstrap Framework.

Database – SQL Server, Transact-SQL, Redis, Couchbase, MongoDB, MySQL.

Other – Software Architecture, AWS SQS, AWS EC2, AWS ElastiCache Redis, AWS Route 53, AWS CloudFront, Git, Github, Gitlab, Bitbucket, JIRA, TFS, Subversion (SVN), JetBrains dotTrace, Scrum, Agile, Kanban, Design Patterns, Application Lifecycle Management (ALM), OAuth, XML, JSON, MER, UML.