# Cezar Pimentel

Software Engineer

## About me

I'm a Software Engineer and Business Administrator, specialist on C# .NET development. Tech early adopter, especially on operational systems and technology used to develop websites and mobile applications. 15 years of professional experience, worked for great companies throughout my career, where I always accomplished, learned and made friends for life.

## Experience

### Republic Airways

Since MAY/2023 - Senior Software Engineer

I'm responsible for developing and maintaining a newly acquired system that controls aircraft maintenance. The goal is to migrate the application to newer technology (like dotnet core) to make it faster and more resilient. I'm also responsible for the background worker and API, that was created by me using Hangfire and dotnet core, which runs side by side with the web application. I'm also a contributor to the Hangfire project in Git Hub.

### XP Inc.

SEP/2020 – FEB/2023 - Senior Software Engineer

Develop, design and maintain the Variable Income core robot that calculates customers guarantees in real time, whenever a customer custody changes based on the Stock Exchange. This robot which is called "MCR" needs to recalculate the customer guarantee based on the customer's custody. This robot communicate with another robot (also managed by my team) thru RabbitMQ. This other robot called "RTR" stops and zeroes the customer custody and orders when the customer gets near to bankruptcy. These robots needed to perform smoothly and fast every week day to calculate more than 4MM customer accounts in real time to avoid insolvency, which would reflect as loss for the company. <br/><br/> My role requires me to maintain these robots and side systems, exchange information with my colleagues (especially the new ones and less experienced), discuss, plan and organize our days and weeks so everything in the sprint gets done and delivered accordingly. <br/><br/> The main technologies that I'm working with are: .NET, .NET Core, Azure Devops, Docker, Kubernetes, Kafka, RabbitMQ, Redis, MongoDB, SQL Server, Oracle, Rest APIs, WCF and a little bit of WPF. <br/><br/> CI and CD are made using Azure Devops pipelines.

### Banco Fator S/A

AUG/2016 – SEP/2020 - Senior Software Engineer

Working as Software Engineer, building and maintaining all the internal systems built in .NET (MVC, ASP.Net 4.5+ and .Net Core). <br/><br/> Building and maintaining Windows Services Robots. Development of systems and robots which integrates B3 Services (Brazil's Stock Exchange), and sync databases info (Oracle and SQL Server) between our company and B3. <br/><br/>Development and support of SSIS packages (SQL Server Integration Services).

## Details

### Location

Indianapolis / IN - United States

### Contact

+1 (317) 828-0836

cezar.pimentel@gmail.com

### Birth Date

05/31/1983

### Nationality

Brazilian

## Programming Languages

Active Server Pages (ASP)

ASP.NET (MVC, APIs and Web Services)

C#

CSS

HTML

JavaScript

JQuery

PL/SQL

Visual Basic .NET

Visual Basic 6.0

WCF

WinForms

WPF

XML

.NET Core

ASP.NET Core (MVC and APIs)

gRPC

Typescript

C

Python

## Plataforms

### Ferrero
APR/2015 – AUG/2016 - Senior Software Engineer and Tech Lead

Working as a System Engineer maintaining the company's Intranet Systems built on .NET (MVC 5, ASP.Net 3.5+), creating and maintaining five Windows Services Robots (one of them which integrates SQL Server Databases with SAP), building and maintaining BI tools (which generates reports to all the company in Brazil), managing more than 15 servers (especially the ones running IIS and homemade windows services running under Windows 2003, 2008 R2 and 2012), and I'm also responsible for the development and maintenance of one Android Mobile application used by the entire company to retrieve expired products from sellers all around the country.

### Tata Consultancy Services
OCT/2014 – APR/2015 - Senior Software Engineer and Tech Consultant

Development of a MVC 5 Web Applications called "hr-eform", which intend to organize the entire human resources workflow of the company "Kraft Foods" from scratch. The project started using SharePoint 2013 as data source and user control, but now it moved to a more independent architecture to increase the system response time. Now the data source is built entirely in SQL Server 2012, and the user control will use a WCF Role based Authentication.

### Banco Panamericano
MAY/2014 – SEP/2014 - Senior Software Engineer

Development of Web Applications on the .NET 4.0 platform using SQL Server 2012. Development of internal Console Applications to automate some of the bank processes, and development of SharePoint 2010 WebParts, both using WCF as communication layer.

### Resource IT Solutions
FEB/2013 – MAY/2014 - Senior Software Engineer and Tech Lead

Development of Web Applications on the .NET 4.0 platform using Oracle 10, and also the development of SharePoint 2010 WebParts using WCF as communication layer and Oracle 10.

### B3
DEC/2007 – FEB/2013 - Senior Software Engineer and Architect

Development of WPF Windows applications as user interface, WCF as communication layer. Also knows as the new version of SINACOR.

### Redecard S/A
NOV/2004 – NOV/2007 - Senior software developer and System Analyst

ASP.Net, ASP, VB.Net, C#, JavaScript, HTML, CSS, XML e Visual Basic 6.0, COM+ Components, using SQL Server and Sybase.

### Prime Inf
JAN/2001 – NOV/2004 - Web Developer

ASP, JavaScript, HTML, CSS, XML and SQL Server.

### Grupo Unionsite
OCT/1999 – JAN/2001 - Web Developer

ASP, HTML and JavaScript.

## ✪ Education

### Anhembi Morumbi
2020 - MBA in Information Technology Management

### Anhembi Morumbi
2018 - Business Administration

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Microsoft .NET

Xamarin

.NET Maui

**Libraries**

ReactJS

AngularJS

**Databases**

Microsoft SQL Server

MySQL

Oracle

MongoDB

Redis

**Technologies**

Azure DevOps

Microsoft SharePoint

Docker

Kubernetes

**Design Patterns**

MVC (Model View Controller)

TDD (Test Driven Design)

DDD (Domain Driven Design)

**Development Methodologies**

Scrum

**Service Bus**

RabbitMQ

Apache Kafka

**Operational Systems**

Windows

Linux

OSX

**Hobbies**

GO KART / PAINTBALL / BEACH /

**Languages**

PORTUGUESE

**FASP**

2007 - Computer Engineering

## 🎓 Extra Courses

**Dometrain**

2024 - .NET Maui Deep Dive

**Dometrain**

2024 - .NET Maui Getting Started

**Dometrain**

2024 - Cloud Fundamentals: AWS Services for C# Developers

**Dometrain**

2024 - Design Patterns in C#: Singleton

**Dometrain**

2024 - From Zero to Hero: Docker for Developers

**Dometrain**

2024 - Getting Started: Domain-Driven Design

**Dometrain**

2024 - From Zero to Hero: Minimal APIs in .NET with C#

**Dometrain**

2024 - From Zero to Hero: REST APIs in .NET

**Dometrain**

2024 - From Zero to Hero: Integration testing in ASP.NET Core

**Dometrain**

2024 - From Zero to Hero: Unit testing for C# Developers

**Dometrain**

2023 - 2023 From Zero to Hero: Dependency Injection in .NET with C#

**Dometrain**

2023 - 2023 From Zero to Hero: Logging in .NET

**Udemy**

2023 - Microsoft Azure: From Zero to Hero - The Complete Guide

**Udemy**

2023 - React Front to Back 2022

**Udemy**

2023 - .NET MAUI Mobile App Development

**Microsoft**

2022 - Introduction to Kubernetes on Azure

**Microsoft**

2015 - 10174: Configuring and Administering Microsoft SharePoint 2010

**Microsoft**

2015 - 10175: Microsoft SharePoint 2010, Application Development

**Microsoft**

2003 - MSCD: Microsoft Certified Solutions Developer