

Daniel Padua Ferreira

SOFTWARE ENGINEER, E2E AUTOMATED TESTS DEVELOPER
MBA IN SOLUTIONS ARCHITECTURE

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Summary

- MBA in Solutions Architecture at FIAP
- Technologist in Analysis and Systems Development at the Federal Institute of Education, Science and Technology of Sao Paulo
- AWS Cloud Practitioner and Solution Architect Associate
- Microsoft Specialist in HTML5 with CSS3 and JavaScript
- Certified Tester Foundation Level (CTFL)
- Strong knowledge with AWS and Microsoft Azure cloud platform
- Currently working as Software Engineer at Itau-Unibanco
- Strong experience with software development, especially in .NET and Java
- Organized, focused and easily adaptable. Good communication and always committed to deliver the best possible software

Experience

Software Engineer

Itau-Unibanco

2018 - Present

- Corporation reference in authorization discipline, leveraged Open Policy Agent to be wide used with ease
- Build & Run of Java and .NET Core modern software, hosted on VM environments, private cloud (OpenStack and OpenShift) and public cloud (AWS)
- Strong contact with Information Security area, specifically with Identity, Access Management, Authentication and Authorization
- Techlead role in an authentication, digital signature and cryptography focused squad

E2E Automated Tests Developer

Itau-Unibanco

2016 – 2018

- Helped to build test cases architecture of UI Automated Tests of a large financial system, involving multiple user channels and a market package solution
- Developed automated E2E test cases using Silk Test Workbench + VB.NET and Java, modelling with Silk Central. Creation and execution of test suite using IBM RQM
- Developing automated scripts to retrieve test data directly from database, using VB.NET + SQL
- Built a software tool to help retrieve test data for manual tests team

Systems Analyst

Itau-Unibanco

2012 - 2016

- Worked in IT team of the Insurance area of the bank, focused in developing new features and maintaining the Accounting System of the insurance area
- Worked in all project phases
- Development with C#, Sybase (T-SQL), VB.NET e VB6

Software Developer

Advice Informatica

2010 - 2012

- Analysis and systems development for banks and brokers;
- Fullstack development of a Identity System;
- Worked with Microsoft technologies;
- *ASP.NET WebForms* development with *SQL Server 2005 e 2008* databases.

Education

FIAP Information Technology and Administration University

Diploma: MBA in Solutions Architecture

2014 - 2015

IFSP Sao Paulo Federal Institute of Education, Sciences e Technology

2009 - 2011

Diploma: Technologist in Systems Analysis and Development

Eniac College

2006 - 2008

Diploma: IT Technician

Foreign Languages

English

- *Conversation: Intermediary*
- *Writting: Advanced*
- *Reading: Advanced*
- *Listening: Advanced*
- *Language Exchange: Dublin - Ireland (1 month): English for Business (EfB) – NED Training Centre*

Courses

Imersion in Modern Technologies

Mastertech – 320 hours

ASP.NET MVC 4

Ka Solution – 40 hours

Android – Mobile Apps Development

Impacta – 40 hours

IBM InfoSphere DataStage Essentials V8.7

IBTA – 40 hours

InfoSphere Optim Test Data Mgmt and Data Masking

IBTA – 20 hours

EDB559 – Mastering Transact-SQL Programming - Sybase

SAP – 40 hours

EDB634 – Performance and Tuning – Sybase

SAP – 40 hours

Skills

Microsoft .NET

- .Net Core
- .Net Full
- Web: *ASP.NET WebForms, ASP.NET WebApi and ASP.NET MVC*
- IDEs: *Visual Studio, IntelliJ IDEA, Eclipse*
- Editors: *Visual Studio Code*
- Languages: *C# and VB.NET*

Java

- Java EE
- Spring Boot
- Micronaut
- Spring Mvc with Thymeleaf
- Maven
- IDEs: *Android Studio, Eclipse and IntelliJ*
- Editors: *Visual Studio Code*

Web

- *HTML5, Javascript and CSS3*
- *Jquery*
- REST APIs
- *Microsoft Specialist exam 70-480: Programming in HTML5 with Javascript and CSS3*

Cloud

- Good skills with AWS Compute (ECS with Fargate/EC2, EKS with EC2/Fargate and serverless Lambda/SAM)
- AWS S3 and async messaging with AWS SNS/SQS
- AWS Dynamodb
- Strong knowledge of serverless software architecture and development using Azure Functions v2 with Node.js and MongoDB Atlas and using API Management (gateway) to expose HttpTrigger functions
- Create and maintaining linux virtual machines using Azure Compute services with auto-scaling rules (IaaS)
- Worked with other Azure services like: Azure Service Bus, Azure CDN and CosmosDb

E2E Automation

- Silk Test Workbench, Silk Test 4NET and Silk Test 4J
- Tests suite preparation and execution in IBM RQM

Databases

- T-SQL
- Stored Procedures, Triggers and Functions
- SQL Server
- Sybase
- MySQL
- NoSQL: Cassandra, Neo4J

Personal Website: <https://danielpadua.dev>

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Personal Blog: <https://blog.danielpadua.dev>

Github: <https://github.com/danielpadua>

StackOverflow: <https://stackoverflow.com/users/13872398/daniel-padua/>