

# ALESSANDRO WILLIAN DE SOUZA DIAS

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March 11, 1987 – Brazil  
38 years  
Single

## SUMMARY

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Bachelor's degree in computer engineering with a postgraduate specialization in Electronic Product Development. Over 18 years of experience in software development, ranging from embedded systems to full-stack web applications. Skilled in C#, .NET, cloud infrastructure (Azure, AKS, Kubernetes), and modern development practices (DDD, TDD, BDD). Proven leadership as a Tech Lead at Ambev Tech, mentoring teams and ensuring the quality of deliverables. Hackathon winner in 2019 for developing a civic data visualization platform to fight corruption.

## EXPERIENCE

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### AMBEV TECH

12 / 2020 – present

#### *Technical Lead*

03 / 2022 – present

Tech Lead is responsible for managing technical aspects of software development flow in a specific context or team, helping it with experience. I am working with .NET 9.0, service bus, some databases (PostgreSQL, MSSQL), Redis, Azure pipelines, AKS, Kubernetes, Rancher, Docker, etc.

#### *Software Development Engineer*

12 / 2020 – 10 / 2022

Developed and maintained backend systems for various Ambev applications using .NET 6, Azure, and C# 11. Collaborated with Scrum teams and applied Agile methodologies, DEVOPS, CI/CD, DDD and TDD.

### Mil Tec Tecnologia de Informação

02 / 2018 - 11 / 2020

#### *Full Stack Engineer*

Systems Development for animal traceability for Mato Grosso do Sul state government of Brazil. Responsible for requirements gathering and planning. Analyst and back-end systems developer, web applications (E-Saniagro) and mobile (Resenha Virtual in Android and IOS), in C#, Asp.NET, Angular, React Native, Python, JavaScript, SQL and MongoDB. Also, front-end development using HTML5 and CSS. Include many technologies, concepts (Web API) and frameworks such as .NET Core, .NET Framework, AngularJS, Knockout, Razor, Ionic, Hangfire, SignalR, NodeJS and SonarQube. I am working with a scrum team and agile methodology. Experience with MVC, DDD, TDD, BDD and good practices.

### Intelbras

09 / 2014 - 03 / 2015

#### *Product Development Engineer*

Analyzing, research, specify, design, develop, test and implement equipment software. Solve problems, provide technical support, making adaptations for specific markets, to obtain the maximum functional capabilities of these devices combined with maximum reliability of any shortcomings, and so meet the needs of internal and external customers on time and trade policies established by the company. Responsible for generating uLinux firmware of Ralink with MIPS architecture for Gateway integration between Central alarm, DVR and Video intercom. Modules were developed in C/C++, front-end and web service integration with Lua and Angular.js.

### Reason Tecnologia, an Alstom Company

03 / 2012 - 09 / 2014

#### *Software Development Engineer*

Systems developer for equipment management to electricity sector. Refactor and maintenance of systems developed in C# and PostgreSQL database for acquisition of disturbance records, GPS (Protocol SNMP) and PMU (Phasor measurement unit). Maintenance a system for receiving disturbance records, developed for Linux Servers with Python as a Server-side scripting, PostgreSQL database and PHP as a Front-end language. I had experience in MVVM, embedded database, Linux and system deployment in many states of Brazil and other countries (Israel and Angola).

**DígithoBrasil Soluções em Software LTDA**  
*System Developer*

02 / 2007 - 01 / 2012

Systems developer for the Mato Grosso do Sul government for mortgage. Planning and organizing lifting requirements. Junior analyst and systems developer in C#, Asp.NET and some modules in Delphi 7. I worked with a Team Scrum and Agile Methodology. Experience with MVC,DDD, TDD, BDD and SQL SERVER database.

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EDUCATION

<b>DIDÁTICA TECH</b> <i>Machine Learning, Data Science and Big Data</i>	2025 - 2025
<b>UNIGRAN - Capital</b> <i>Public Law</i>	2018 - 2019
<b>UNICIV- Centro de Inovação Vincit</b> <i>Graduate Course in Ethical Hacking and Cybersecurity</i>	2018 - 2019
<b>Federal Institute of Santa Catarina - IFSC</b> <i>Graduate Course in Development of Electronic Products, Embedded Systems, Product Designs and Projects management</i>	2012 - 2014
<b>UNIDERP - Universidade para o Desenvolvimento do Estado e da Região do Pantanal</b> <i>Bachelor's degree in computer engineering (Hardware and Software)</i>	2004 - 2010
<b>College Dom Bosco</b> <i>High School</i>	2002 - 2003

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LANGUAGES

Portuguese (Native or bilingual proficiency)	English (Professional working proficiency)
CNA Brazil – 5 years of English Course	NZLC New Zealand Language Course – 6 weeks

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COURSES

- Começando com Vue e Vuetify - UNICIV - 2020
- Rootday Webconferência – Rootsec Training - 2017
- Yocto Project e i.MX Roadshow - UFSC - Universidade Federal de Santa Catarina - 2014
- Android – Understading mobile plataform most popular around the world! – TDC 2013
- BDD - Behavior Driven Development – Digix - 2011
- TDD - Test Driven Development – Digix - 2011
- Domain Driven Design - Uniderp Anhanguera - 2011
- Professional Scrum Foundations – Digix - 2011

## AWARDS & PROJECTS

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### Winner – Government Hackathon Challenge

City of Campo Grande - MS, Brazil – August 2019

Developed a civic engagement platform to enhance data transparency and accessibility for citizens. The solution aimed at empowering the public with visual tools for monitoring public spending and governance. Recognized as the best project for its innovative approach in the fight against corruption.

### 1st Place – Ambev Tech Hackathon – LABHS BOX

Ambev Tech – 2023

Led a cross-functional team in designing a workflow optimization solution for distribution centers. The project focused on improving task routing and inventory accuracy through data-driven automation and streamlined user interfaces. Implementation led to measurable efficiency gains and was adopted as a pilot in internal operations.