**Adailton Machado de Brito (Ton)**

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**Mobile: 0434 045 282**

**Sydney - NSW**

**System Engineer / Mainframe DevOps**

Summary

I have an extensive knowledge in Analysis / Development of Mainframe based systems.

- Languages Cobol / Natural / CICS / JCL.

- Databases DB2 / ADABAS / VSAM.

Experience integrating Mainframe and Distributed platforms.

Extensive knowledge in banking, financial, telecommunications and business management systems.

Extensive knowledge in Software Development Life Cycle, Change Management, ITIL, and Software Quality Assurance.

Specialist in Performance in Adabas / Natural / Cobol systems.

Extensive knowledge about CI/CD process for Mainframe Environments.

Experience

**Senior Systems Engineer at Commonwealth Bank**

August/2018 - now (1 year and two months)

Mainframe DevOps responsible to implement CI/CD process for Mainframe Natural objects using:

* Versioning System (Git).
* Deployment tool (Teamcity).
* Artifactory as Repository Manager
* PowerShell for automated tasks.

I have create the whole process above and I am the responsible to create the branch strategy in a manner to avoid big impact on the way that CBA was developing the IT projects.

I am the responsible to implement SoftwareAG NaturalOne replacing the legacy Natural Editor.

**Senior Systems Analyst at Commonwealth Bank**

October/2016 – August/2018 (1 year and 10 months)

Senior systems Analyst responsible for analysis and codification of Natural/Adabas modules in a Financial System at CBA.

Redesigned, developed, tested and implemented program for Super Annuation System SYSTEM in this BANK.

Wrote JCL modules and completed testing and implementation.

Designed, developed, tested and implemented Natural Object to communication with JAVA API’s ;

**Senior Systems Consultant at Accenture Brazil**

December/2006 – August/2016 (9 years and 9 months)

**Citibank Project. (Project New Adress)**

I was responsible to redesigned, developed, tested and implemented one great change in a CRM System of this bank in Brazil.

We changed the form of data entry in address register of clients.

**Oi Telecommunications**

I was working at a major Brazillian Telecommunications company using Natural/Adabas/Cobol/JCL and I was responsible to implement Quality Assurance process to all lifecycle (development, release and change management).

Responsible to provide solutions in complex problems.

Responsible for analysis of CRM system, Natural/Adabas/Cobol based.

Responsible to implement Quality Assurance (Code Review, Performance, Review).

Responsible to implement better practices in JCL (Jobs, Procedures).

Technical Support in a Sofware Factory. About 100 professionals.

Technical Lead in various projects.

Responsible to maintain a good SDLC.

Integration Specialist in Communications using Natural and Entirex.

Leader of a Performance of Natural based Systems Team.

Release Management.

Test Management.

Some Internal Projects Details.

* Redesign a New solution for a Large Extract Procedures to reduce MIPS consume using the better practices of Natural/Adabas Development also the PREFETCH ADABAS technique.
  + **PROCEDURE 1 –** 96% of CPU-TIME Reduction.
  + **PROCEDURE 2 –** 92% of CPU-TIME Reduction.
  + **PROCEDURE 3 -** 10% of CPU-TIME Reduction.
  + **PROCEDURE 4 –** 30% of CPU-TIME Reduction.
  + **PROCEDURE 5 -** 48% of CPU-TIME Reduction.
* One Digit increase in Brazilian mobile numbers.
  + This large project involved a large team and I was the technical support to review all objects and to ensure code quality.
* Inclusion of new fixed telephone plans in CRM System.
  + Modelling new ADABAS Files, also change many Files to include new fields and descritors.
  + Enhancements of CRM System, creating and changing MAPS and programs (online context)
  + Design a new Natural Batch Procedures to process approximately 1.000.000.000 records.
* Development of several Natural Batch extractors to feed BI Systems.

**Systems Analyst at Politec (Bank of Brazil).**

April/2002 – November/2006 (4 years and 8 months)

Senior systems Analyst responsible for analysis and codification of DB2/Natural/Cobol in a large System of a major Bank of Brazil.

Redesigned, developed, tested and implemented program for STOCK EXCHANGE SYSTEM in this BANK.

Wrote JCL modules and completed testing and implementation.

Designed, developed, tested and implemented Natural Object to communication with JAVA API’s ;

**Systems Analyst at City Council of Patos de Minas**

April/2000 – March/2002 (1 year and 11 months)

Designed, developed, tested and implemented Municipal taxes controls Systems Cobol/VSAM based.

**Owner at Infoservice**

January/1998 – March/2000 (2 years and 3 months)

Responsible for outsourcing for I.T services.

Designed, developed, tested and implemented Systems for several clients in Cobol/VSAM.

**Programmer at Brasilva**

JUN/1993 – December/1998 (5 years and 6 months)

Designed, developed, tested and implemented Car Dealer Systems Cobol/VSAM based.

Education

**Centro Universitário Unieuro**

University degree in Information Systems, 2002 – 2006

Natural/Adabas Knowledge details:

* NATURAL KNOWLEDGES and COMMANDS
  + MAPS
  + DEFINE WINDOW
  + GLOBALS/INDEPENDENTS
  + PROGRAMS / SUBPROGRAMS / HELPROUTINES / SUBROUTINES / COPYCODE
  + READ / FIND / HISTOGRAM / GET / UPDATE / DELETE / STORE
  + VIEW’s / DDM’s
  + MATEMATICAL COMMANDS
  + EXAMINE (REPLACE, DELETE, GIVING INDEX, GIVING LENGTH, GIVING NUMBER …)
  + SEPARATE
  + IF / DECIDE
  + REPEAT / FOR
  + ESCAPE TOP/BOTTOM/ROUTINE
  + MASK
  + SYSTEM VARIABLES
  + SYSTEM FILES
  + DEFINE DATA
  + SET KEY
  + SET CONTROL
  + COMPRESS / SUBSTRING
  + AT BREAK
* UTILITIES
  + XREF
  + PLOG
  + SCAN
  + EXITs
  + SYSERR
  + SYSRPC
  + TRIM REPORTING
  + ENTIRE NETWORK
  + ENTIREX
  + SYSDIC
  + DEBUG
  + TEST DBLOG
* ADABAS KNOWLEDGES
  + DESCRITORS
  + SUPERDESCRITORS
  + NULL SUPRESS
  + PREFETCH and MULTIFETCH
  + TYPE OF FIELDS
  + PERIODIC AND MULTIPLE FIELDS
  + ADALOAD
  + ADAUNLOAD
  + ADASAVE
  + ASSO / DATA /
  + ADASQL
  + ADABAS C Command
  + INVERTED LIST
  + ASSOCIATOR
  + ISN
* DevOps KNOWLEDGES
  + Branch Strategy
  + Git
  + Teamcity
  + Artifactory
  + Branch Strategy
  + GitHub
  + Powershell

Skills

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| **Skills** | **Proficiency** | **Experience** | **Year Last Used**Parte inferior do formulário |
| Parte superior do formulário  MainframeParte inferior do formulário | Expert | 15+ Years | 2019 |
| Software Development | Expert | 15+ Years | 2019 |
| Mainframe Platforms (zOS/VSE/ICL/GCOS/others) | Expert | 15+ Years | 2019 |
| Natural | Expert | 15 Years | 2019 |
| ADABAS | Expert | 13 Years | 2019 |
| COBOL | Expert | 15+ Years | 2016 |
| JCL | Expert | 13 Years | 2019 |
| Technology Architecture Implementation | Expert | 13 Years | 2019 |
| Build Management | Expert | 13 Years | 2019 |
| Technology Architecture Blueprint & Roadmap Definition | Expert | 13 Years | 2016 |
| Technical Test Planning, Preparation and Execution | Expert | 13 Years | 2019 |
| Requirements Analysis | Expert | 13 Years | 2019 |
| Technology Architecture Design | Expert | 13 Years | 2019 |
| Process Modelling | Expert | 13 Years | 2019 |
| Technology Architecture Estimation | Expert | 13 Years | 2019 |
| Application Design Packaged | Expert | 13 Years | 2019 |
| Estimation and Planning | Expert | 13 Years | 2019 |
| Application Design Custom | Expert | 12 Years | 2019 |
| Performance Management Metrics & Status Reporting | Expert | 10 Years | 2016 |
| Performance Measurement Analysis and Improvement | Expert | 10 Years | 2016 |
| Technology Architecture Quality Assurance | Expert | 10 Years | 2016 |
| Performance Simulation | Expert | 10 Years | 2016 |
| Functional Design | Expert | 8 Years | 2019 |
| Process Quality | Expert | 10 Years | 2019 |
| Project Management | Expert | 8 Years | 2016 |
| Capacity & Performance Monitoring | Expert | 8 Years | 2019 |
| Application Modeling-Top-Down Process-Driven Service Design | Expert | 5 Years | 2016 |
| Mainframe Batch Architectures | Expert | 15+ Years | 2016 |
| Mainframe Optimization and Tuning | Expert | 7 Years | 2016 |

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| Parte superior do formulário  **Skills**Parte inferior do formulário | **Proficiency** | **Experience** | **Year Last Used**Parte inferior do formulário |
| Mainframe Application Performance Optimization | Expert | 5 Years | 2016 |
| Release Management | Advanced | 8 Years | 2019 |
| Performance Support/Coaching | Advanced | 8 Years | 2019 |
| Logical & Physical Data Modelling | Advanced | 15+ Years | 2016 |
| Microsoft DOS PC Architectures | Advanced | 15+ Years | 2010 |
| IBM DB2 | Advanced | 4 Years | 2006 |
| Micro Focus Visual COBOL | Advanced | 5 Years | 2005 |
| Project Resource Management | Proficient | 8 Years | 2019 |
| VSAM | Proficient | 15+ Years | 2016 |
| IBM z/OS | Proficient | 15+ Years | 2016 |
| IBM Time Sharing Option (TSO)/Interactive System Productivity Facility (ISPF) | Proficient | 13 Years | 2019 |
| CA ERwin | Proficient | 10 Years | 2016 |
| Linux | Proficient | 7 Years | 2005 |
| Linux Operations | Proficient | 3 Years | 2005 |
| BMC Control-M | Novice | 2 Years | 2016 |
| COBIT Framework | Novice | 2 Years | 2016 |
| IBM Customer Information Control System (CICS) | Novice | 4 Years | 2007 |
| Microsoft SQL Server | Novice | 2 Years | 2002 |
| ITIL Strategy and Assessment | P0 - Trained | 2 Years | 2016 |
| CA Easytrieve | P0 - Trained | < 1 Year | 2002 |
| Mainframe Alternative IDE | P0 - Trained | 1 Year | 2001Parte inferior do formulário |