

Douglas Ribas de Mattos

QUANTUM COMPUTING DEVELOPER · DATA SCIENTIST · DEVOPS ENGINEER

☎ (+55)11 96907-8607 | ✉ douglasmattos0@gmail.com | 🏠 www.douglasmattos.com | 📱 douglasmattos0 | 📁 douglas-ribas-de-mattos | 🌐
douglasmattos0 | 🐦 @quantechedu | 📧 douglasmattos0_1

“Make the change that you want to see in the world.”

Summary

- Quantum Computing Student, developing skills in Quantum Machine Learning and Data Science.
- Development background using programming languages (Java, C, Python and Go.)
- Familiarity with Infrastructure as code, using tools such as Ansible/AWX, Terraform and Vagrant.
- Familiarity with Docker and Kubernetes Clusters installation on Development/QA and Production environments.
- Familiarity with AWS cloud platform.
- Familiarity with Scrum agile development practices, Daily meetings, Planning, Review, Retrospective.
- Experience with applying technical training.
- Deploy IBM Power Servers using Ansible (Create profiles and install OS images on IBM P7, P8, P9)
- Experience with technical support for IBM pSeries, AIX/Linux, HMC, NIM, LPM, and IBM Workload Partition.
- Experience with technical support for Clusters, IBM PowerHA System Mirror (HACMP), IBM Spectrum Scale (GPFS).
- Experience with technical support for virtualization with VMWare, IBM Virtual I/O Server.
- Experience with basic Storage and SAN administration.

Education

Unisinos

INFORMATION SYSTEMS - BACHELOR'S DEGREE

Sao Paulo, Brazil

Jul. 2022 - PRESENT

Liceu Camilo Castelo Branco

ELECTRONIC TECHNICIAN

Sao Paulo, Brazil

Jan. 1991 - Dec. 1994

Skills

Operating Systems	IBM AIX, IBM PowerVM, IBM HMC, IBM PowerHA, IBM GPFS, HP-UX, Solaris, Ubuntu, RHEL, SLES
Programming	IBM Qiskit, Java, Python, C, UNIX Shell Script, LaTeX
DevOps	Ansible, Docker, Terraform, AWS, Kubernetes
Languages	English C2, Native Portuguese

Experience

SAP Labs Latin America

SENIOR DEVOPS ENGINEER

Sao Leopoldo, Brazil

Aug. 2022 - PRESENT

- **Responsibilities**
- DevOps Engineer.
- **Main Achievement**
- DevOps Engineer.

Kyndryl

INFRASTRUCTURE SPECIALIST

Sao Paulo, Brazil

Oct. 2021 - Jul. 2022

- **Responsibilities**
- Perform local and remote technical support for Kyndryl customers.
- Health-check and best practices recommendations about IBM products.
- Support for IBM Power Systems (P7, P8, P9), SuSE Linux on Power, AIX v7.1 v7.2, PowerVM, HMC, IBM PowerHA, IBM GPFS.
- Perform projects, technical support and monitoring changes.
- **Main Achievement**
- Development automated Health-check with Python, Ansible and Unix Shell Script.
- Deploy IBM Power Servers using Ansible (Create profiles and install OS images on IBM P7, P8, P9)

Tata Consultancy Services

SENIOR UNIX/LINUX SYSTEMS ADMINISTRATOR

Sao Paulo, Brazil

May. 2021 - Oct. 2021

- **Responsibilities**
- Working with Global Support Team providing support for USA Customers.
- Support for Solaris 11, VERITAS/LVM, DNS, networking, storage and security.
- Support for Linux RHEL Servers.
- Incident and change management based on ITIL principles.

Faiston

SENIOR UNIX/LINUX SYSTEMS ADMINISTRATOR - TEMPORARY

Sao Paulo, Brazil

Dez. 2020 - May. 2021

- **Responsibilities**
- Change Management, Incident Management, Skill Transfer.
- Support for IBM Power Systems, SuSE Linux on Power, AIX v6 v7, VIO, HMC, PowerHA.
- Support for Linux Servers, CentOS, RHEL 7, SuSE Linux on Intel, Debian and Ubuntu.
- Experience of container orchestration management with Docker, Kubernetes and Helm.
- Experience with GitLab as CI/CD tool and Source Code repository.
- **Main Achievement**
- Implement Zabbix monitoring agent on Linux and Unix Servers.
- Install and support Kubernetes Clusters in Development and QA environments.
- Install and support Docker in Development and Production environments.

Assessoria Tecnica Tailor Eireli

UNIX/LINUX SYSTEMS ADMINISTRATOR

Sao Paulo, Brazil

Nov. 2019 - May. 2020

- **Responsibilities**
- Perform remote and local technical support for Tailor customers.
- Performed skill transfer to customer's unix team.
- Support for IBM Power Systems, SuSE Linux on Power, AIX v6 v7, VIO, HMC.
- Support for Linux Servers, CentOS, RHEL 7, SuSE Linux on Intel, Debian and Ubuntu.
- **Main Achievement**
- Support and training customer unix staff about technologies (AIX, Virtual I/O Server, HMC, PowerHA, RHEL, Docker, Kubernetes, SAN, EMC / Dell VNX 5300, VMWare, Ansible, Vagrant, Git, Unix Shell Script, Python).
- Install and support Kubernetes Clusters in Development and Production environments.
- Automate sysadmin tasks with Ansible and Python Scripts.

Camara Interbancaria de Pagamentos - CIP

JAVA DEVELOPER

Sao Paulo, Brazil

Nov. 2018 - Nov. 2019

- **Responsibilities**
- Java automated tests development and maintainance.
- IBM Version Control, CVS, GitLab
- **Main Achievement**
- Java plugin development for IBM Rational Integration Test (RIT).
- Java plugin development for IBM Rational Functional Test (RFT).
- Java documentation with Enterprise Architect v15.

Tivit Terceirizacao de Processos, Servicos e Tecnologia S.A.

UNIX/LINUX SYSTEMS ADMINISTRATOR

Sao Paulo, Brazil

Jun. 2017 - Nov. 2018

- **Responsibilities**
- I performed as local support for Tivit customer.
- **Main Achievement**
- Unix/linux servers automation with Python, Unix Shell Scripts and Ansible.
- Produce Unix/Linux server infrastructure documentation.

IBM Brasil - Industria Maquinas e Servicos Limitada

UNIX SYSTEMS ADMINISTRATOR

Sao Paulo, Brazil

Jan. 2010 - Jun. 2016

- **Responsibilities**
- Perform local and remote technical support for IBM customers.
- Health check e best practices recommendations about IBM products.
- Perform projects and monitoring changes.
- **Main Achievement**
- Development Automated Health-check with Unix Shell Script.

IBM Brasil - Industria Maquinas e Servicos Limitada

UNIX SYSTEMS ADMINISTRATOR

Sao Paulo, Brazil

May. 2003 - Dec. 2009

- **Responsibilities**
- Unix servers support.
- Visual C, Visual Basic, ASP, JavaScript and VBScript application development.
- Windows NT Services development in Visual C 6.00.
- PVCS Version Manager, source code control.
- Visual Basic 6.00 programs development to access Mainframe applications through the IBM Personal Communications emulator.
- **Main Achievement**
- HP Ignite-UX implementation to backup image of HP 9000 servers (HP-UX 11).
- HP9000 (HP-UX) servers migration to IBM Power Systems P5 (AIX 5.3).
- SUN Solaris servers migration to Solaris 9.
- Oracle Database migration to Oracle 9i.
- HP-UX Shell Scripts conversion to AIX Korn shell.

Extracurricular courses

LFQ101: FUNDAMENTALS OF QUANTUM COMPUTING

The Linux Foundations

01 Sep. 2022

https://www.credly.com/badges/83deb4e5-0ea7-405e-b95a-bc27359bb045/linkedin_profile

IBM

IBM: QC0101EN INTRODUCTION TO QUANTUM COMPUTING

26 Jun. 2022

<https://courses.cognitiveclass.ai/certificates/ef49be5606154b78887984e3f167cfef>

EF Standard English Test (EF SET)

EFSET ENGLISH CERTIFICATE 73/100 (C2 PROFICIENT)

04 Jun. 2022

<https://www.efset.org/cert/5kE1t9>

Udemy

QC201: ADVANCED MATH FOR QUANTUM COMPUTING

12 Nov. 2021

<https://udemy-certificate.s3.amazonaws.com/pdf/UC-e5b593e5-0062-44af-b5db-e9067cb262ac.pdf>

Udemy

QC101 QUANTUM COMPUTING & QUANTUM PHYSICS FOR BEGINNERS

08 Nov. 2021

<https://udemy-certificate.s3.amazonaws.com/pdf/UC-854fe513-18b0-4729-b3fa-cf0043e2898f.pdf>

Udemy

QC151 QUANTUM PHYSICS FOR QUANTUM COMPUTING

30 Oct. 2021

<https://udemy-certificate.s3.amazonaws.com/pdf/UC-c18bf096-951f-4108-a698-bbbe455e2edf.pdf>

Udemy

THE COMPLETE QUANTUM COMPUTING COURSE

28 Oct. 2021

<https://udemy-certificate.s3.amazonaws.com/pdf/UC-2140fdbf-1075-452e-b58d-f8e8f47364e3.pdf>

Udemy

QC051: MATH PREREQUISITES FOR QUANTUM COMPUTING

19 Oct. 2021

<https://udemy-certificate.s3.amazonaws.com/pdf/UC-10b99db7-8464-4b85-8386-e185c8ab8c36.pdf>

2020-2021 - INTRODUCTION TO QUANTUM COMPUTING

[https://www.linkedin.com/in/douglasmattos0/detail/treasury/education:](https://www.linkedin.com/in/douglasmattos0/detail/treasury/education:686711486/?entityUrn=urn%3Ain%3AprofileTreasuryMedia%3A(ACoAAAMGw6sB7Wh4sIVlKmnhetpbKY9Y_dimbyI%2C1635456180615)§ion=education%3A686711486&treasuryCount=1)

[686711486/?entityUrn=urn%3Ain%3AprofileTreasuryMedia%3A\(ACoAAAMGw6sB7Wh4sIVlKmnhetpbKY9Y_dimbyI%2C1635456180615\)§ion=education%3A686711486&treasuryCount=1](https://www.linkedin.com/in/douglasmattos0/detail/treasury/education:686711486/?entityUrn=urn%3Ain%3AprofileTreasuryMedia%3A(ACoAAAMGw6sB7Wh4sIVlKmnhetpbKY9Y_dimbyI%2C1635456180615)§ion=education%3A686711486&treasuryCount=1)