

Contact

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Top Skills

Python

AWS

SQL

Languages

Inglês - WiseUp - 01/2015 - 01/2018
(Full Professional)

Espanhol - CIEE-RJ (Centro de
Integração Empresa-Escola- RJ)
(Limited Working)

Certifications

Python para Data Science: Primeiros
passos

Python 3 parte 2: Avançando na
linguagem

Python 3 parte 1: Introdução à nova
versão da linguagem

Python 3: Introdução a Orientação a
objetos

Fundamentals of Big Data

Jefferson Oliveira

Systems Analyst | Data Analyst - Python | AWS | Salesforce
Nova Iguaçu

Summary

Technologies:

- Python (Pandas, Matplotlib, Seaborn, Numpy, O.O,Django), Shell Script;
- Git, Gitlab, Github;
- AWS (EC2, S3, IAM, RDS),
- SQL, MySQL, Access, SQLServer,
- Operating Systems Architecture (Windows and Linux),
- QA using Rest API via Postman
- Power BI, Advanced Excel,
- MS365, Planner, Tasks, Teams, Sharepoint, OneDrive,

Studying Development with Salesforce, knowledge of SalesCloud with flow builder, Apex, LWC, Aura, Lightning Component.

IDEs: Pycharm, Visual Studio, Anaconda, Sublime Text, R Studio;

Knowledge in:

- agile development processes and methodologies (SCRUM, XP),
- BPMN, Bizagi, Draw.io;
- JavaScript, Java;
- HTML/HTML5/, CSS3, Bootstrap.

Geophysics:

Development of applications for quality control of geophysical data; Geophysical data management in formats (BRV06, ANP1B, BRSEA01, BROBS01, SEG REV0 and 1, among others); GIS knowledge;

Experience

Fundação Gorceix

Systems Analyst | Data Analyst | Software Developer
December 2019 - Present (2 years 1 month)

Rio de Janeiro, Brasil

Software development and data analysis and science application for geophysical data quality certification using Python3 (Pandas, Matplotlib, Seaborn, Numpy, scikitlearn, OO, Design Partterns), R, Bash Script, Git, Gitlab, Github, Advanced Excel and SQL; TeraByte Raw Seismic Data Analysis focusing on noisy signal detection and other analysis that can bring insights to the business, development of automated tools for data analysis, modeling and reporting, and process improvement;

Participation in the Global OSDU Project (Open Subsurface Data Universe™), an initiative to prepare cloud data ingestion environments at Petrobras for sharing and accessing strategic data using cloud technologies from AWS and MS Azure, Postman (JSON), Python3 (JSON, CSV handling), Apache Airflow, Big Data, GitLab;

Complementary and Consulting Activities: Consulting to Project Managers on the implementation of new technologies; Consulting and Participation in the modeling of processes and challenges related to the change in the use of Petrobras data transmission technology from SETA to FileCatalyst; Interface between the Petrobras technology areas and the Geophysicists and Operational team on analysis of scenarios for implementing new technologies and supposing in tests; Guidance of operational teams regarding the use of new technologies, dealing directly with the leaders of these teams; Management of testing activities, Standardization of test documents, Technical specification, responsible for interacting with business areas, developers and software operators;

GEOCET GEOLOGIA E ENGENHARIA

Team Leader | Systems Analyst | Geophysical Data Management

April 2017 - December 2019 (2 years 9 months)

Rio de Janeiro e Região, Brasil

Development of tools for generating indicators, reporting, monitoring and measuring the lines of

services of contracts with Petrobras and process improvement using:

Advanced Excel, Power BI, Python3 (Pandas, Matplotlib, Seaborn, Numpy), Bash Script and SQL;

Software testing and approval (currently in C++ and Java Web) such as Pre-stack Seismic Data Certifier;

Control systems for service lines provided to Petrobras (SIMGEO) and E&P Database Management Systems;

Participation in new technology projects, documenting knowledge and training professionals to work in the Infrastructure and support the guidance of teams related to technological updates;

Training and development of professionals and Leadership of technical teams;
Support for Geophysical Data Management: Creation/Update of processes and procedures in the RDG (Data Network Geophysicists); Provision of Pre-stack, Post, Multiphysics and Well Seismic data; Quality Control and Uploading of "Pre-stack", "Post-stack" and Multiphysics and Seismic data from the well into the Petrobras database;

Evaluation and rebuilding processes within the activities developed within the client:

- Bizagi and flow-io tools;
- Process flowcharts;
- Balancing the premises of the customer and service providers;
- Interface between work fronts;

Infotec Brasil

3 years 2 months

Team Leader | Geophysical Data Management | Systems Analyst
March 2015 - April 2017 (2 years 2 months)

Rio de Janeiro, Brasil

Team leader responsible for Petrobras IT INFRASTRUCTURE at TIVIT, for the creation and maturation of the data transmission processes with the Petrobras client to be performed within the team and by the Petrobras Digital and Physical Collection Management Team at TIVIT BARRA; Management, optimization and monitoring of the performance of robotized reading units (STK9310) and interface with TIC Petrobras;

Flowchart and assembly of the RDG (Geophysical Data Network - Optical Fiber); Application monitoring / tools: Omega, LTFS, HSM servers, TS3500, STK9310; Monitoring of available areas in Storages; Collection management, 3592 and 3590, manipulation, tape and media storage for robotic units and shelves; Assembly of tapes in robot and quality control;

IT infrastructure associated with the Geophysical Data Network (RDG) Petrobras: Links, access, transfer window, scheduling. Creation of a process diagram and implementation of the processes of delivery and availability of

geophysical data acquisition and processing data via the Geophysical Data Network (RDG) with the leaders and their complementary documents for Petrobras, received from companies of acquisition and processing of seismic data markets and companies with exploration and production partnerships; Operation in the delivery and availability of data with the creation of directory and transfer window as well as the validation of the information received from the companies in the new model of data storage; Use and training in Petrobras 'SETA (Specialized File Transfer Service) and SPEED (Special System Permissions in Directories) software; Seismic, Non-Seismic and VSP data management;

Systems Analyst | Seismic Data Manager

March 2014 - February 2015 (1 year)

Rio de Janeiro e Região, Brasil

Pre-stack QC and seismic data loading project (08/2014 – 26/02/2015):

Petrobras Base Seismic Data Remastering Project; (03/2014 - 07/2014):

- Production of reports of activities performed;
- Evaluation and reporting of errors in the systems used;
- Cartridge reading through OMEGA Westerngeco software;
- Geomedia Course
- Indication for participation in training on “Capacity in Geophysical Data Management” by Petrobras in partnership with the Gorceix Foundation in Ouro Preto, MG (04/05/2014 – 17/05/2014) – Immersion:
 - o 02 modules lasting 15 days, totaling 360 hours of training;
- Introduction to geology;
- Introduction to geophysics;
- Introduction to Data Management;
- Introduction to Petroleum Law; S
- Standards and Formats;
- Introduction to E&P Database;

Solid experience in using Windows, Linux and advanced Unix operating systems, including the use of Linux scripts – bash script. E Analysis, quality control, loading, treatment, distribution and internal control of Pre-Stack seismic data in accordance with Brazilian and international Seismic Standards.

Main tools used in the activities:

Omega2 (WesternGeco seismic processing software - Schlumberger),
GeoMedia Professional, Seisee (Application for analysis and visualization

of seismic data characteristics in SEG-Y), SIGEO and VGE - Petrobras (Exploration Management Viewer, WebSíntese; and other Applications internal belonging to the Petrobras system.

B2W Digital - IDEAIS TECNOLOGIA LTDA

Software Developer – DevOps

October 2012 - March 2014 (1 year 6 months)

Rio de Janeiro, Brasil

- Maintenance of Sites: submarino.com.br, americanas.com, shoptime.com.br and soubarato.com;
- Development of Linux scripts (Bash scripts);
- Maintain the website developed in Java Enterprise Edition;
- Creation of monitoring and bug reporting tools.
- Use of agile methodologies for systems development (XP and Scrum and Kanban)
- HTML5, CSS3, JavaScript and Bootstrap.

Colégio-Curso PeC

Math and Physics teacher

January 2011 - December 2012 (2 years)

Nova Iguaçu, Rio de Janeiro, Brasil

Experience in teaching math and physics classes and tutoring for pre military and pre entrance exam.

Contractor L.C. Cunha

Project Assistant in Civil Construction Engineering

June 2012 - August 2012 (3 months)

Rio de Janeiro e Região, Brasil

- Maintenance, monitoring of works of the main Clients (RJZ CYRELA and Nova Iguaçu City Hall);
- Measurement, verification and monitoring of activities related to construction;
- Creation, management and monitoring of processes through Excel spreadsheets and Word Documents;
- Development and analysis of budgets for new projects and ventures, as well as assisting in dimensioning for the purchase of materials;
- Responsible for assisting in creating new documents and improving new documentation in the office;

Education

Alura

Applied Data Science Bootcamp · (2021 - 2021)

Estácio

B. Tech. Systems Analysis and Development, Software Development,
Systems Analysis, Database, Data Analysis and Science · (2018 - 2020)

Universidade Federal Fluminense

B.Tech in Computer Systems (interrupted), Computer Systems Analysis and
Development · (2016 - 2019)

Estácio

Bachelor of Computer Science · (2020 - 2022)

Cefet/RJ - Centro Federal de Educação Tecnológica Celso Suckow da Fonseca

Associate degree, Information technology technician - Software
Development, Software Development, Systems Analysis, Database, UML,
Computer network, Operational Systems · (2009 - 2011)