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| |  |  | | --- | --- | |  | Jessé Oliveira  Data Engineer |  Profile Motivated and experienced Process Engineer with over five years of experience developing new and innovative design processes, helping companies to meet and exceed  projected expectations.  Proven track record of helping companies to improve sustainability, reduce overall costs, and configure the best approaches for the most seamless and effective production. Experienced and dedicated Data Analyst with several years of experience identifying efficiencies and problem areas within data streams, while communicating needs for projects. Adept at receiving and monitoring data from multiple data streams, including Access, SQL, and Excel data sources. Employment HistoryPhysics Professor, Federal University of Ceará, Fortaleza August 2015 — July 2017  Collaborated with other teachers and staff to create a learning environment that supported student success  Mentored and coached students to help them develop and sharpen their problem-solving skills  Assisted in the preparation of students for college-level physics classes and exams Data Scientist, Federal University of Ceará, Fortaleza April 2019 — December 2021  Study, devellopmenbt and implementations of Machine Learning Algorithms in Pre-Salt tomography images analysis.  Aplication of Computational Views Methods for 3D porous media reconstruction for aplication in Fluid Mechanics.  Realization of numeric simulations in Fluid Mechanics with Lattice-Boltzmann Method. Physics Professor, State University of Ceará, Fortaleza August 2019 — November 2022  Collaborated with other teachers and staff to create a learning environment that supported student success  Mentored and coached students to help them develop and sharpen their problem-solving skills  Assisted in the preparation of students for college-level physics classes and exams Data Engineer, Escola de Saúde Pública do Ceará, Fortaleza March 2022 — December 2023  Scraping, treating, normalizing and injecting data with Python. Development and maintenance of Data Pipelines with ETL and Apache Airflow. PostgreSQL database management and maintenance. Production of metrics and indicators visualization dashboards with Power BI, Metabase and Infogram. Data Engineer, Stefanini, Fortaleza November 2022 — Present  Construction of ETL processes to capture, process and inject bank input data for the Banco do Brasil client. Conversion of programs written in SAS to Python. Implementation of products in homologation and production environments Data Analytics Consultant, KIS, Fortaleza March 2022 — June 2023  Conducting consultancy in Data Visualization, performing Knowledge Transfer to development teams. Acting in the process of collecting and migrating data between different cloud service environments (SQL Server, GCP, AWS) EducationBachelor, Federal University of Ceará, Fortaleza March 2009 — July 2013  Bachelor's Degree in Physics with emphasis in Computational Physics Master, Federal University of Ceará, Fortaleza August 2013 — July 2017  Master in Physics in Condensed Matter Physics with emphasis on Active Matter simulations Doctoral Student, Federal University of Ceará, Fortaleza April 2019 — Present  PhD in Petroleum Physics with emphasis on Neural Networks and Numerical Simulations in Fluid Mechanics. Software Engeneer, IESB, Brasília February 2021 — Present  Graduation in the EAD Software Engineering Course. CoursesEngenharia de Dados - Organizando dados na AWS, AluraPostgreSQL, Views, sub-consultas e funções, AluraPython - Avançando na Linguagem, AluraPython - Começando com a Linguagem, AluraInteligência Artificial e Machine Learning, UdemyReconhecimento de Faces e de Objetos com Python e Dlib, UdemyData Science e Machine Learning com Estatística e Python, UdemyDeep Learning com Python de A a Z, Udemy | Details Fortaleza - CE, Brasil +55 85 98156 3690  [jesse.oliveira@fisica.ufc.br](mailto:jesse.oliveira@fisica.ufc.br) Skills  |  |  | | --- | --- | | Power BI | | |  |  |  |  |  | | --- | --- | | ETL | | |  |  |  |  |  | | --- | --- | | SQL | | |  |  |  |  |  | | --- | --- | | Python | | |  |  |  |  |  | | --- | --- | | C/C++ | | |  |  |  Languages  |  |  | | --- | --- | | Inglês | | |  |  |  |  |  | | --- | --- | | Espanhol | | |  |  | |