Lucas Saldanha Ferreira

Age: 30 | Male | Brazillian
Belo Horizonte, Minas Gerais, Brazil
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I am a tech lover with a passion for computer systems.

A passionate, customer-focused engineer with ten years of experience in software development. A technological addict that is always pushing for the latest and the best. Attentive to details and always auditing, I am metric-driven and a calculated risk-taker. Someone who can operate at all levels, no task is beneath me. I make things happen.

I am currently working as the lead software engineer at the company I co-founded: 433Data. I develop, maintain, and optimize all the code and infrastructure we use, with a few hours dedicated to more managerial tasks. Operating the company and its products pushed both my full stack and entrepreneurship abilities to new levels. Before that, I worked as ENACOM's computer vision manager, where I have led and participated in projects for siderurgy, mining, energy generation, energy distribution, logistics, and health care.

I'm always looking for a new challenge that will help me grow both as a professional and an individual.

PROFESSIONAL EXPERIENCE

433Data | Belo Horizonte, MG, Brazil
August 2020 - ongoing
Co-founder / Lead Software Engineer
- Wrote all the code (full stack)
- Completely serverless architecture
- Planned and developed a fully automated operation
- Half a million monthly page views
- More than 15,000 users

ENACOM - Handcrafted Technologies | Belo Horizonte, MG, Brazil
August 2013 - August 2020
Technical Leader / Researcher
- Computer Vision Manager
- Responsible for technical decisions
- Team leader on various projects
- Software Engineer / Architect
- AWS management and deployment
- Several projects from concept to maintenance

LANGUAGES - Common European Framework of Reference
English C1 - TOEFL certification
Spanish B1
Native Portuguese

SKILLS
Java, TypeScript / JavaScript, Node.Js, Python, C++, Shell / Bash Script
Linux, CI/CD, SQL, MySQL, PostgreSQL, MongoDB, DynamoDB
Angular, React, Flutter, Firebase, Amplify, HTML / CSS, Express, Docker
AWS, Microsoft Azure, Google Cloud, Openshift
Computer Vision, Graph Theory, Optimization (Multi-Objective, Discrete, Linear, Non-Linear)

EDUCATION

Mathematical and Computational Modeling - Ph.D. (2016 - ongoing)
K-in-a-tree problem (Working title)
Centro Federal de Educação Tecnológica de Minas Gerais (CEFET-MG) - Belo Horizonte, Minas Gerais

Mathematical and Computational Modeling - Master's Degree (2014 - 2016)
Portfolio optimization for open-pit mining assets acquisition
Centro Federal de Educação Tecnológica de Minas Gerais (CEFET-MG) - Belo Horizonte, Minas Gerais

Computer Engineering (2009 - 2013)
Centro Federal de Educação Tecnológica de Minas Gerais (CEFET-MG) - Belo Horizonte, Minas Gerais

Electronics Technician (2006 - 2008)
Colégio Técnico da Universidade Federal de Minas Gerais (COLTEC - UFMG) - Belo Horizonte, Minas Gerais