

# Ellizeu Rodrigues Sena

Electronic and Computing Engineer

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Rio de Janeiro, RJ

## About me

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Developer in love with new challenges, I've worked on technology projects on two continents (Europe and America). Strong knowledge of agile methodology and work very well in a team. Entrepreneurial spirit!

## Objective

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My goal is to work in the area of Computer Electronics and Engineering, focusing on Computer, Data Science, Web Development and Machine Learning.

## Professional experience

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**FundX Academy** ( Porto, Portugal )

May 2022 – Oct 2022

*Back end developer / Tech Leader*

Summary : I worked on the development of a financial education platform focused on the Latin American market, with video lessons, lives and pdfs hosted on their own servers.

Skills : Nodejs, AWS, SQL, NOSQL, Oauth

Duties : Back-end development, Development Team Management, Selection of technologies used.

**Empresa de Pesquisa Energética** ( Rio de Janeiro, RJ )

Oct 2021 – Oct 2023

*Data scientist*

Skills : Python, Linux, Version Control, Shell script, Microsoft Excel, Git, Cloud infrastructure, Script Creation, Algorithms, Microsoft Office, Pytorch

**Universinagem** ( Rio de Janeiro, RJ )

Oct 2019 – Jan 2025

*Full-Stack*

Summary : I worked on the development of an automated 3D printing area platform with CAD file view, integrated with a shipping and payment platform.

Skills : PHP, JavaScript, Oauth, CSS, Mysql, Python, Linux, Git

Duties : Creation and maintenance of the platform., Monitoring of servers., Task automation.

**Minerva Rockets** ( Rio de Janeiro, RJ )

Oct 2019 – Mar 2022

*Innovation Engineer*

Skills : C (Programming Language), Technological innovation, Version Control, Database, Github, Engineering, Html, Technical documentation, Design Patterns, Angular (framework), Git, Scrum, Automation, SQL Database, Algorithms, Django, REST (Representative State Transfer), Web applications, Back-end development, Apache server

Duties : Development of innovative solutions, Project Management, Collaboration in a multidisciplinary team

## Education

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**Universidade Federal do Rio de Janeiro** ( *Rio de Janeiro, RJ* )  
*Master's degree*

2024 –

**Universidade Federal do Rio de Janeiro** ( *Rio de Janeiro, RJ* )  
*Bachelor*

2017 – 2024

**FAETEC RJ - E.T.E. João Luiz do Nascimento** ( *Nova Iguaçu, RJ* )  
*High School and Technical*

2014 – 2016

## Skills

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Programming Languages:	Python, Bash, PHP, Java, JavaScript, Node.js, TypeScript, C, C++, C#
Databases:	MySQL, PostgreSQL, MongoDB
Frameworks and Libraries:	React, Angular, Django, FastAPI, Next.js
Artificial intelligence:	TensorFlow, PyTorch, Keras, BERT, GPT, LLaMa, LLM
Natural Language Processing:	NLTK, spaCy, Transformers, OpenAI, RAG, LangChain, LangGraph
Marking and Style Languages:	HTML, CSS, Markdown, L <sup>A</sup> T <sub>E</sub> X, SASS
Office Package:	{MS, Libre, GSuite} Office
Operating systems:	Windows, Linux
Cloud:	AWS, Azure, Google Cloud
Tools and Technologies:	VSCode, Git, Docker, Kubernetes, Scrum, DevOps

## Languages

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Português	C2
Inglês	C1
Espanhol	B2