

# Ellizeu Rodrigues Sena

Electronic and Computer Engineer

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Rio de Janeiro, RJ

## About Me

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Developer passionate about new challenges, I have worked on technology projects on two continents (Europe and America). Strong knowledge of agile methodology and works very well in a team. Entrepreneurial spirit!

## Objective

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My goal is to work in the area of electronics and computer engineering, focusing on computing, data science, web development and machine learning.

## Professional Experience

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**Impulse** ( Rio de Janeiro )

Dec 2025 –

*Full-stack developer*

Summary : I worked on the development of a consortium data management and processing platform and credit release for controlling motorcycle dealerships.

Skills : Python, Django, SQL, ETL, API

Functions : Backend development, Front-end development

**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 classes, lives and PDFs hosted on our own servers.

Skills : NodeJS, AWS, SQL, noSQL, OAuth

Functions : Backend 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, Scripting, Algorithms, Microsoft Office, PyTorch

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

Oct 2019 – Jan 2025

*Full-stack developer*

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

Skills : PHP, JavaScript, OAuth, CSS, MySQL, Python, Linux, Git

Functions : Creation and maintenance of the platform., Server monitoring., 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 (Representational State Transfer), Web applications, Backend development, Apache Server

Functions : 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* ) 2024 –  
*Master’s degree*

**Universidade Federal do Rio de Janeiro** ( *Rio de Janeiro, RJ* ) 2017 – 2024  
*Bachelor*

**FAETEC RJ - E.T.E. João Luiz do Nascimento** ( *Nova Iguaçu, RJ* ) 2014 – 2016  
*Secondary and Technical Education*

## 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
Markup and style languages:	HTML, CSS, Markdown, L <sup>A</sup> T <sub>E</sub> X, SASS
Office Suite:	{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