

Diogo Baltazar do Nascimento

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Brazil

OBJECTIVE

7+ years in the IT industry specializing in Python web development with proficiency in Django, Flask and React. Extensive knowledge of programming languages and frameworks, including SQL databases. Skilled in server deployment, third-party integration, CI/CD and knowledge of AWS services.

EDUCATION

Artificial Intelligence Postgraduate Degree
Federal University of Technology - Parana

Nov 2024 - Jun 2026

Computer Science
Federal University of Fronteira Sul • Chapecó, Brazil

Jun 2019 - Jul 2024

In my Computer Science program, I covered essential computing and mathematics topics. I started with Basic Computing, Mathematics, Philosophy, Algorithms and Statistics. Then I progressed to advanced courses such as Calculus, Digital Circuits, Data Structures, Probability, Discrete Mathematics, and Object-Oriented Programming. My studies also included Computer Organization, Databases, Operating Systems, AI, Networks and Software Engineering. In the final semesters, I focused on electives and completed a comprehensive thesis project in deep learning. My project involved the use of a neural network in cascade with CNN and RNN to identify signs in Brazilian Sign Language (Libras).

SKILLS

- 7+ years of professional experience in the Information Technology industry;
- Experience in web development using Python programming language and frameworks (Django, FastAPI, Flask, DRF).
- Knowledge of a wide range of programming languages, technologies and platforms (Python, JavaScript, PHP);
- Experience with web frameworks and libraries: Django, Flask, React, jQuery, FastAPI, NextJS, React Native, NX;
- Ability to create and deploy flexible web servers and application configuration;
- Experience in AWS in services: ECS, ECR, Route 53, LoadBalancer, CloudFront, Buckets;
- Experience working with SQL databases;
- Fluent in Portuguese, Advanced English and Basic French

WORK EXPERIENCE

FullStack Developer
Delinea EdTech - Prova Fácil • Brazil

Jan 2024 - Present

- Develop, write, modify, integrate, and test code related to websites and web application interfaces
- Creation of LTI 1.3 integration of internal products with LMS
- Migrate Beanstalk environments to ECS, creating docker and moving up to ECR, adjusting LoadBalancers and changing aliases in Route 53

FullStack Developer

Sep 2019 - Dec 2023

Magazine Médica • Chapecó, Brazil

- Maintenance and creation of resources for own commerce made in Django (python).
- Integration with VTEX ecommerce and creation of vtex io template.
- Creation of a freight system based on spreadsheets with an automatic model and validator with big data processing techniques, using Django queries and Pandas.
- Improvements and automation in payment systems, creation of integration to be the first hospital e-commerce to use PIX. Improvements in code complexity and queries using formal techniques.
- Creation of PWA and TWA with launch in the official store on Google Play.
- Creation of spending forecast using LinearRegression(sklearn).
- Creation of corrector for queries using natural language processing models.
- Implemented methods for organizing the sector using agile methodologies, testing culture, automated pipelines and creation of docker files, docker-compose.

Data Engineer

Sep 2018 - Sep 2019

IXC Soft • Chapecó, Brazil

- Perform large-scale experimentation to identify hidden relationships between variables in large datasets
- Prepare and extract data using programming language
- Migration of system data using PHP scripts to generate SQL compatible with the IXC data model, manipulation of various SGBDS, such as PostgreSQL, MySQL, Firebird, SQLServer and conversion of spreadsheets to SQL format

VOLUNTEER WORK

Developer

2022 - 2024

University Federal of Fronteira Sul • Chapecó, Brazil

- RU UFFS Bot (Telegram): Developed a Telegram bot that provides the menu of the UFFS restaurant (RU) to users. (GitHub: https://github.com/mascDriver/ruuffs_bot)
- RU UFFS API: Created a web scraping tool to retrieve and return the UFFS restaurant menu. (GitHub: <https://github.com/mascDriver/apiRuUffs>)
- UFFS Student Portal (Mobile Version): Developed a mobile version of the UFFS student portal to enhance accessibility for students on the go. (GitHub: <https://github.com/mascDriver/portal-aluno>)
- Automation for UFFS Certificates: Designed a system to automate the submission of certificates via Google Forms, streamlining administrative processes. (GitHub: <https://github.com/mascDriver/automacaoAccUFFS>)
- UFFS Student Portal API: Developed a REST API for the UFFS student portal, enabling

seamless integration and interaction with the portal's services. (GitHub:

<https://github.com/mascDriver/apiPortalAluno>)

- RU UFFS App: Created an app to provide comprehensive information about all UFFS restaurants, improving the user experience. (GitHub: https://github.com/mascDriver/app_ru_uffs)

AWARDS AND HONOURS

Alura courses

2022

<https://cursos.alura.com.br/user/diogo-baltazar/fullCertificate/9dfcd1190b76d5b8003132f46c56aa26>

English exchange EC Vancouver

2023

<https://mascdriver.com.br/images/certifications/diogo.png>

Web Programmimng with Python and Django

2019

<https://www.udemy.com/certificate/UC-0f267b7c-3b94-4ab7-a128-a3b6c8335926/>

TECH SKILLS

- Programming and Markup Languages: Python, SQL, HTML, JavaScript, CSS.
- Technologies and Frameworks: Django, Flask, Docker, Vagrant, React, Linux: Crontab, Twitter Bootstrap, Ajax, JSON, jQuery, Pwa, Twa, Android, React Native, TensorFlow, Pandas, Numpy .
- Application/Web Servers: uWSGI, Supervisor, Nginx, Uvicorn, Gunicorn.
- Databases: MySQL, PostgreSQL, Firebird (Interbase), SQLite Database Access: SQLAlchemy, Django ORM.
- Cloud: AWS, Locaweb.