

Douglas Brum

Backend & Cybersecurity-Oriented Developer

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SUMMARY

Backend & Cybersecurity-Oriented Developer with expertise in designing and delivering robust, scalable web applications using Java/Spring Boot and Python/Django. Skilled in the full software development lifecycle, from requirements gathering and system architecture to containerization with Docker and cloud deployment on AWS. Proven experience in developing impactful solutions, including a management platform for NGOs that enhanced beneficiary tracking and streamlined operational processes.

EDUCATION

Analysis and Systems Development – UNIASSELVI, Brazil.

CERTIFICATIONS & RELEVANT COURSES

USP - Python - SET 2023

Udemy - Java - OUT 2024

Cisco - Introduction to IoT - ABR 2024

Cisco – Introduction to Cybersecurity – OCT 2024

Google - Cybersecurity Certificate - JAN 2024

PROFESSIONAL EXPERIENCE

A4PM SMART SOLUTIONS – *Software Support Analyst*

2025 – PRESENT

Provide user support by ensuring proper use and configuration of software systems. Conduct user training and guidance to maximize efficiency in technology tools. Identify, log, and escalate issues or inconsistencies to responsible teams, ensuring service continuity and operational efficiency.

FUNDEC – *IT Instructor*

2022 - 2025

Taught practical classes in Linux and MySQL, creating instructional materials and evaluating students' technical progress to support their entry into the IT job market.

OLYNTECH – *Independent IT Services Specialist*

2020 - PRESENTE

Deliver IT services with expertise in diagnosing and troubleshooting computers, networks, and peripherals. Develop customized applications and integrate systems for clients, addressing business needs with tailored software solutions.

PROJECTS

CULTURE HOUSE – Full-Stack Web Application

Stack: Python (Django 4+), MySQL 8+, Bootstrap 5, Docker, AWS.

- Designed and deployed a web platform to manage social assistance services, supporting beneficiary tracking and automated WhatsApp notifications.
- Implemented multi-level access control and advanced reporting features (CSV/PDF), improving efficiency of NGO operations.
- Showcased expertise in full-stack development, database management, and containerized deployment.

Project link: <https://github.com/dbcfilho/casa-da-cultura-v3>

PRODUCT MANAGEMENT CRUD – Backend-Focused Project

Stack: Java, Spring Boot, Thymeleaf, SQL.

- Built a robust CRUD system for product management with secure database integration.
- Developed a dynamic UI with Thymeleaf, ensuring seamless user interaction.
- Demonstrated solid backend development and persistence layer integration skills.

Project link: <https://github.com/dbcfilho/CRUD-Java>

USER REGISTRATION SYSTEM – Full-Stack Project

Stack: Node.js, Express.js, React, MySQL

- Delivered a complete CRUD-based user registration system with modern three-tier architecture.
- Combined Node.js/Express.js for backend, React for frontend, and MySQL for reliable data storage.
- Validated strong proficiency in full-stack development and database integration.

Project link: <https://github.com/dbcfilho/User-registration>

SKILLS

Languages: Java, Python, JavaScript, TypeScript, Go, C/C++

Frameworks & Ecosystems: Spring Boot, Django, Node.js, React, React Native

Databases: MySQL, SQLite, MongoDB

Infrastructure & DevOps: Docker, AWS (Foundations), Linux

Other Tools: RESTful APIs, HTML, CSS, Bootstrap

LANGUAGES

Portuguese (Native) | English (Intermediate) | Spanish (Basic)