

Andres Nicolas Alegre

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About me

I am a Computer Engineering graduate and a Full Stack Python Engineer that enjoys thinking outside the box. I bring my ideas to life through coding, where each project is a mini personal work challenge, and I never give up when searching for a solution because I enjoy the challenge and push myself until I find it.

Education

Bachelor's Degree in Computer Engineering (NFQ Level 8) UNISAL, São Paulo, Brazil at 2020

Certifications

- **Full Stack Engineer:** Codecademy, Issued Feb 2025
- **Python (INF 303):** Solas IT Recruitment, Issued May 2024
- **Python for Data Science:** IBM Learning, Issued Aug 2018
- **Linux Fundamentals in Cloud:** 4Linux, Issued Jul 2017
- **Linux Security Servers in Cloud:** 4Linux, Issued Jul 2017
- **Linux Security SysAdmin in Cloud:** 4Linux, Issued Jul 2017

Technical Skills

- **Programming Languages:** Python, JavaScript and PHP
- **Frameworks and Libraries:** Django, React, Flask, Selenium, Pandas, OpenAI, FastAPI and BeautifulSoup
- **Web Development:** Rest API, HTML and CSS
- **Database:** MySQL
- **Version Control:** GitHub
- **Methodologies:** Agile
- **Others:** IoT, Raspberry Pi, Design Thinking, Linux, Slack and Trello

Work Experience

Security Officer

Bidvest Noonan · Dublin, County Dublin, Ireland · Apr 2022 - Present

Technologies Used: Database for user access control and CCTV systems.

Methodologies: Observation and Reporting

- I was responsible for maintaining the safety and security on the premises, managing user control through the database, and operating CCTV systems to monitor activities.
- I took on this role to improve my English language skills and enhance my communication abilities.

Freelancer

Empoderador Digital · Worldwide · Nov 2020 - Mar 2022

Technologies Used: Google Ads, Facebook Ads, WordPress, Elementor and cPanel

Methodologies: Campaign Management

- I was responsible for developing digital marketing strategies and campaigns, including website creation with Google Pixel integration for user tracking.
- I managed, created, and customized websites using WordPress and Elementor. I was also responsible for managing hosting and server configuration through HostGator and cPanel, using plugins to ensure a better site performance.

Python Developer in Sales Support Transactions Team (SSA)

IBM · Hortolândia, São Paulo, Brazil · Feb 2017 - Nov 2020

Technologies Used: Python, Selenium, Pandas, PyQt5 and MySQL

Methodologies: Agile

- I implemented and automated accounts payable processes, reducing 80% of manual work using Python, PyQt5, Selenium, Pandas and MySQL.
- I secured second place in an internal IBM competition in 2019 for delivering a tool that significantly improved work performance and ROI, excelling in innovation, teamwork, and problem-solving.
- I also had an introduction to Quantum Computing through IBM tools, where I worked with their quantum simulator, learned about how to use Qiskit, and Watson AI during my time at IBM.

Technical Support Level 1 & 2

IBM · Hortolândia, São Paulo, Brazil · Oct 2015 - Feb 2017

Technologies Used: SAP and Active Directory

Methodologies: KPI

- I provided Level 1 and 2 technical support for the Michelin client, resolving IT issues remotely.
- I managed user access control through Active Directory and used SAP tools to open and track tickets for Level 1 incidents.

IT Support Representative

Nelri Informática · Campinas, Sao Paulo, Brazil · Mar 2015 – Oct 2015

Technologies Used: Linux, Windows

Methodologies: ITIL

- I provided technical support, resolving IT issues, infrastructure problems, and fixing issues with operating systems and hardware assembly.
- I improved my skills in Linux, specifically in system recovery, where I performed tasks such as recovering lost data, fixing boot issues, and restoring access to Windows systems.

Other Skills

Languages: Spanish (Native), Portuguese (Native), English (Advanced)