

Andres Nicolas Alegre

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About me

I hold a Bachelor's in Computer Engineering and work as a Full Stack Python Developer, applying an innovative approach to problem-solving. Drawing from my diverse background, I integrate logical and critical thinking with design thinking principles to create practical and creative solutions.

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
- **Frameworks and Libraries:** Django, React, Flask, Selenium, OpenCV, Pandas, OpenAI, FastAPI, BeautifulSoup
- **Methodologies:** Agile
- **Communication Tools:** Slack, Trello
- **Database:** MySQL
- **Code Platforms:** GitHub
- **Others:** IoT, Raspberry Pi, Design Thinking, Linux

Work Experience

Security Officer

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

Technologies Used: Database for user access control, CCTV systems

Methodologies: Critical Thinking, Problem Solving, Patrol, Emergency Services

- Responsible for maintaining safety and security within the premises, including managing databases for user access control and operating CCTV systems to monitor activities.
- Took on this role to further improve my English language skills and enhance my ability in effective communication.

Digital Marketing Consultant

Empoderador Digital · Worldwide · Nov 2020 - Mar 2022

Technologies Used: Google AdSense, Facebook Ads, WordPress, Elementor, Hostgator, cPanel

Methodologies: Agile

- Responsible for developing and implementing digital marketing strategies tailored to client business models, utilizing Google and Facebook Ads with Pixel integration to drive targeted traffic and optimize campaign performance.
- Managed website creation and customization with WordPress and Elementor, and oversaw web hosting and server configurations using Hostgator and cPanel to ensure optimal site performance and security.

Python Developer in Sales Support Transactions Team (SSA)

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

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

Methodologies: Agile

- Implemented accounts payable in the PUMA and CFTS systems, automating 80% of manual work using Python, PyQt5, and Selenium.
- Introduction to Quantum Computing, learning and using the Qiskit framework during my tenure at IBM.
- Secured second place in an internal IBM competition in 2019, showcasing strong team collaboration and innovative skills.

Technical Support Level 1 & 2

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

Technologies Used: MySQL, SAP, Active Directory, Privileged Access

Methodologies: KPI

- Resolved technical issues for Michelin client, resolving problems through remote access and managing user access control.

Technical Support Representative

Nelri Informática · Campinas, São Paulo, Brazil · Mar 2015 - Oct 2015

Technologies Used: Linux, Windows

Methodologies: Tradicional

- Responsible for junior level technical support, focusing on resolving basic technical issues. Provided Windows support and performed remote access as needed.
- Gained experience in both software and hardware support, including using Linux for file recovery, shell scripting, hardware disassembly, maintenance, and networking.

Other Skills

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