

Arthur Cavalcante de Andrade

SOFTWARE ENGINEER · COMPUTER SCIENTIST

Goiânia, Brazil

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"Be the change you wish to see in the world."

Summary

I hold a bachelor's degree in Computer Science from the Federal University of Goiás and am currently specializing on Cybersecurity and Data Governance.

My studies also involve Systems Architecture and Software Development, with a particular emphasis on learning about Secure Software Development Lifecycle (SSDLC) and DevSecOps practices.

I feel comfortable when I meet new people and expand my network of contacts. In addition to learning from other people, I like to teach what I know to others. However, I am equally satisfied when I work alone.

Work Experience

Cilia Tecnologia

Goiânia, Brazil - Hybrid

SOFTWARE ENGINEER

Feb. 2023 - Present

- Contributing technical expertise to drive project success.
- Designing and developing APIs for thousands of clients and insurers nationwide.
- Updating database, automating tasks, and delivering new features and screen flows.
- Fixing bugs and implementing tests to ensure the reliability and functionality of all aspects of the software.
- Giving code reviews and feedbacks about solutions.

CNPq

Goiânia, Brazil - Hybrid

SCIENTIFIC INITIATION RESEARCHER

Sep. 2022 - Aug. 2023

- Conducted studies in graph theory, exploring fundamental concepts, algorithms, and their applications across various areas.
- Implemented computational models that gather data from the internet, represent, analyze, and solve problems in graphs.
- Performed analyses of complex networks, investigating structural and behavioral properties.
- Collaborated in the creation of new theorems and conjectures.
- Presented at the 20th UFG Teaching, Research and Extension Congress - CONPEEX 2023.

Bugcrowd

Remote

BUG BOUNTY HUNTER

Feb. 2022 - Sep. 2022

- Tested web applications for common web application security vulnerabilities, including input validation vulnerabilities, broken access controls, session management vulnerabilities, cross-site scripting issues (XSS), SQL injection, and web server configuration issues.
- Experience with Windows and Linux operating systems (subsystems, kernel and user level processes, networking, Active Directory).
- Experience writing custom codes and scripts.
- Proficient with common attack tools (Burp, SET, Metasploit, Nmap, Nikto, Netcat, Hashcat, Gobuster, GTFobins) and defensive tools (Snort, tcpdump, Wireshark).

Skills

Programming Languages Ruby, Python, JavaScript, C/C++, Go

Operational Systems Windows, Linux

Languages Portuguese, English

Certifications

2023 **Fundamentals of Accelerated Computing with CUDA C/C++, NVIDIA**

2022 **C2 Proficient**, EF-SET

2022 **Data Privacy and Protection (LGPD)**, SENAI

Education

B.S. in Computer Science

Goiânia, Brazil

FEDERAL UNIVERSITY OF GOIÁS

2018 - 2023

- Education Assistant in Algorithm Analysis and Design (Jul 2021 to Nov 2021).
- Education Assistant in Computer Networks (May 2022 to Sep 2022).
- Programming Marathon Competitor (Oct 2021 and Mar 2023).
- Scholarship for Scientific Initiation Research in Graph Theory (Sep 2022 to Aug 2023).

Specialization in Cybersecurity and Data Governance

Belo Horizonte, Brazil

PUC MINAS

2024 - 2025

- Security Methods, Practices and Technologies.
- Secure Development.
- Data Governance.
- Cybersecurity Governance.