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📍 Salvador – BA
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Skills

Docker
Python
Bash Scripting
Ansible
Project Management
DevOps
Cloud (AWS)

Languages

English (advanced)
French (intermediate)
German (advanced)

Certifications

5G Networks
AWS Developer Associate
Python for Data Science

Interests

Culinary Arts
Chess
Sports (Surf, Jiu-Jitsu)
Travel

IT skills

ANDREAS GRAUBACH

Electrical Engineer and [M.Sc.](#) candidate in Computer Science at the Federal University of Bahia (UFBA), with experience in systems infrastructure, networking, and cloud computing. In academic research, I implemented and operated the Proxmox hypervisor infrastructure supporting the entire Computer Science Graduate Program, including multiple research groups, as well as containerized applications. I have a strong foundation in DevOps and AWS, with hands-on experience in container technologies (Docker, Kubernetes/RKE2), deployment automation, and virtualized environment security. My master's research applies machine learning to network function orchestration and distributed systems performance analysis. I am proficient in English and German and have international experience in Germany.

Work experience

Freelancer

February 2025
Current

- Remote Linux server administration;
- Hypervisor configuration for on-premises applications;
- AWS cloud infrastructure management;
- Automated SSL certificate issuance, validation, and encryption management;
- Container management and application containerization;
- Improving application reliability and scalability.
- Provided expert technical consulting to streamline business workflows.

Scientific Researcher

UFBA, Salvador

January 2024
Current

- Installation and deployment of Proxmox Hypervisor on the university's physical servers;
- Management of VMs and containers, including resource allocation across Docker and Kubernetes environments;
- Linux server administration and maintenance;
- Infrastructure observability and network troubleshooting;
- Management of the infrastructure supporting all research groups within the Computer Science Graduate Program.

International Internship

Algeco, Unterschleißheim

December 2021
January 2022

- Complete electrical installation of modular container units;
- On-site technical visits for electrical maintenance of modular facilities;
- Development of electrical designs and plans supporting overall project planning and execution.

Operational Manager

Talk and Chalk idiomas, Salvador

February 2021
June 2022

- International client and instructor acquisition, as well as employee training;
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Bash Scripting
Grafana
Helm
Prometheus
Nginx
Ansible

Operations and financial management, including proficiency with platforms such as Bitrix;
· Financial management and oversight.

● Education

M.Sc. in Computer Science

July 2024
March 2027

UFBA, Salvador

M.Sc. candidate in Computer Science specializing in Computer Networks, with research focused on integrating Machine Learning into 6G networks to optimize the allocation and utilization of computational resources across network coverage areas.

B.Sc. in Electrical Engineering

2019
2023

UNIFACS

Bachelor's degree focused on electrical systems, power distribution, electrical design, automation, and engineering project development.

● Engineering

Building Construction

November 2026

Sauípe

- Construction of a small-scale building in the North Coast region of Bahia, Brazil;
- Electrical system design using CAD;
- On-site supervision throughout all stages of construction;
- Day-to-day troubleshooting and problem-solving across both electrical and civil construction activities.