

## Contact

SCRN 716 Bloco D ENTRADA 38  
201  
5561981617491 (Mobile)  
candre.costa@gmail.com

[www.linkedin.com/in/carlos-costa-0b548675](https://www.linkedin.com/in/carlos-costa-0b548675) (LinkedIn)

## Top Skills

AWS Lambda  
Amazon S3  
API REST

## Certifications

Sistema Operacional Linux, Docker e Kubernetes  
Infraestrutura Como Código com Terraform, AWS, Azure e Databricks  
Planejando sua Carreira para as Profissões do Futuro  
Inteligência Artificial: eleve sua produtividade e acelere sua carreira  
Google Cloud Data Analytics Certificate

# Carlos Costa

Postgraduate in Data Engineering | CI/CD, SQL and Data Analysis | PWD  
Brasília, Federal District, Brazil

## Summary

Professional with over 20 years of experience in Information Technology, with a growing focus on Data Science, Data Engineering, and Artificial Intelligence. Currently at ApexBrasil, I am involved in the development and maintenance of the management system for agreements, which manages resources for promoting Brazilian exports and attracting foreign investments. Additionally, I actively participate in working groups to develop and implement new technological solutions.

In previous roles, such as at Companhia de Eletricidade do Amapá, I was responsible for the implementation and maintenance of monitoring and security systems, as well as managing application servers and Active Directory policies. At Você Telecom, as an IT Manager, I supervised teams, controlled budgets and project schedules, and optimized system security and performance.

My educational background includes a technical course in Data Processing and a degree in Computer Networks from UNIP. I have strong skills in SQL, DevOps, Scrum, and Agile, and I am constantly updating my skills to keep up with the latest trends in technology.

I am seeking new challenging opportunities where I can apply my technology expertise to drive growth and innovation. Connect with me to explore how I can contribute to the success of your team.

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## Experience

ApexBrasil  
Assistant - IT Solutions for Business  
January 2012 - Present (12 years 10 months)  
Brasília

Development and maintenance of the grants management system, a crucial tool for administering resources aimed at promoting Brazilian exports and attracting foreign investments.

- Daily data analysis using SQL, enabling key insights extraction and supporting strategic decision-making.
- Creation of interactive dashboards with Power BI, enhancing data visualization and providing comprehensive analysis for business stakeholders.
- Integration with Azure DevOps to manage CI/CD pipelines, facilitating process automation and improving collaboration between development and operations teams.
- End-to-end BI solution implementation, including the structuring of work items and detailed documentation using Azure DevOps Wiki.
- Orchestrating a complete pipeline to read files via REST API, using Python script notebooks, storing data in a lakehouse, and making it available for visualization through dataflows.
- Project versioning by connecting the Power BI workspace to Azure Repos.
- Proactive support and database implementation, ensuring stability and security.
- Experience with automated testing using Azure Test Plans and Selenium.
- Working with REST and SOAP APIs.
- Daily use of GIT and Repos for version control and team collaboration.

Additional experience during the Data Engineering post-graduate program:

- Implementations using Terraform on AWS, including solutions for provisioning distributed data processing environments with EMR.
- Application deployment using Docker, with a focus on development environments and container orchestration.

## Companhia de Eletricidade do Amapá

### Network Analyst

December 2009 - December 2011 (2 years 1 month)

Macapá

- Implemented and maintained firewalls, switches, and security devices to safeguard network integrity.
- Optimized SQL queries and conducted code reviews to enhance server performance and efficiency.
- Provided remote troubleshooting for both software and hardware issues, ensuring minimal downtime.

- Managed software licensing and procurement for seamless network installations.
- Delivered network support and resolved WAN/LAN connectivity issues to maintain operational continuity.
- Diagnosed hardware and software issues using advanced root cause analysis techniques.
- Contributed to disaster planning, network backup, and recovery strategies to ensure business resilience.
- Stayed updated on emerging threats, data obfuscation, and encryption technologies to enhance security measures.
- Conducted visual inspections of temperature sensors to ensure the proper functioning of servers and network devices.
- Configured and installed wireless controllers, routers, and switches to optimize network infrastructure.
- Developed ad hoc tools and patches to address recurring production issues effectively.
- Updated network software and hardware to maintain high performance and reliability.
- Installed and maintained data and voice circuits through routers, switches, and WAN devices.
- Defined security requirements for computer systems, including mainframes, workstations, and PCs.
- Created Oracle databases to support enterprise billing applications, enhancing data management capabilities.
- Expanded and upgraded network systems and components to meet evolving business needs.
- Documented all server and network issues, along with unusual events, to provide comprehensive support records.
- Coordinated with vendors to address network outages and performance issues, minimizing disruptions.
- Administered IP address programs, developed network resources, and trained support staff for effective Tier 1 support.

## SESI - Serviço Social da Indústria

### Network Analyst

June 2009 - September 2009 (4 months)

Macapá

- Managed technology for the implementation and maintenance of monitoring and security systems, application servers, Active Directory, and security policies.

- Prepared documentation for the startup, shutdown, and troubleshooting of technical processes for the support team.
- Investigated and resolved issues with printers, copiers, and other peripheral devices.
- Developed and implemented complex Internet and Intranet applications across multiple platforms.
- Designed and implemented new server standards for central business services.
- Monitored operational and security procedures for networked computers, including system administration and maintenance protocols.
- Supervised and managed operational and security requirements for multiple networked computers, including system administration and regular maintenance.
- Administered firewalls, monitored networks, and managed servers both locally and remotely.
- Diagnosed and resolved processing issues in UNIX and Windows environments, applying solutions to enhance company efficiency.
- Provided ongoing maintenance and developed bug fixes and patches for existing web applications.

## Poliedro

### Network Analyst

February 2008 - March 2009 (1 year 2 months)

Brasília

- Led the development of server infrastructure, ensuring quality and efficiency.
- Maintained flexible hours to respond to emergencies outside regular business hours and on weekends.
- Resolved issues and escalated matters to qualified support, ensuring high-quality service.
- Implemented, developed, and tested the installation and upgrade of file servers, print servers, and application servers across all departments.
- Enhanced infrastructure availability through comprehensive planning, thorough testing, efficient implementation, and extensive support.
- Analyzed complex server issues and collaborated with critical applications for large enterprises.
- Provided support and administration for Linux/BSD systems and Windows Server services, including Active Directory, Domain, Exchange, DNS, and DHCP.
- Participated in the ISO 27001 certification process for information security.

## Você Telecom

### Support Manager

July 2003 - September 2007 (4 years 3 months)

Macapá e Região, Brasil

- Managed tactical budgets and project schedules to keep teams focused and achieve deadlines.
- Developed and utilized reporting systems to keep clients and management updated with the latest information.
- Investigated, resolved, or escalated project issues as needed.
- Managed and motivated project teams to promote collaboration and maintain focus and productivity.
- Implemented, developed, and tested the installation and upgrade of file servers, print servers, and application servers across all departments.
- Optimized system security and performance.
- Maintained flexible hours and responded to emergencies outside regular business hours and on weekends.

## DATAPREV

### IT Intern

October 2000 - May 2001 (8 months)

Macapá e Região, Brasil

- Provided Service Desk support to resolve user issues, improve operations, and deliver exceptional customer service.

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## Education

### Faculdade VINCIT

Postgraduate Program in Data Engineering, Data Engineering · (August 2024 - August 2025)

### Universidade Paulista (UNIP)

Higher Education Technology Course (CST), Computer Networks · (February 2016)

### Meta escola técnica

Vocational High School Course, Data Processing · (1998 - 2002)