Carlos Eduardo Gonçalves dos Santos

Junior Penetration Tester | Offensive Security | Web and API Pentesting | Linux, Nmap, Metasploit and Python | Vulnerability Analysis

Brazil · fully remote
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SUMMARY

My professional focus is penetration testing and offensive security for web applications, APIs and networks. My knowledge covers reconnaissance, enumeration, vulnerability analysis, authentication and access control, using Linux, Nmap, Metasploit and Python. My software engineering and architecture experience helps me understand root causes, impact and remediation. I am pursuing ongoing training through Solyd One and seeking my first fully remote junior penetration testing opportunity.

WHAT I'M LOOKING FOR

- Junior penetration testing
- Junior offensive security analyst
- Web application, API and network penetration testing

Seeking fully remote penetration testing and offensive security opportunities.

EXPERIENCE

Software engineer and architect

CBOO · Nov 2024 – present

Software development and architecture, with maintenance and incremental improvement of web systems.

- Application architecture and organization of business rules.
- Data modeling and SQL query maintenance.
- Change review, testing and technical documentation.

PHP · MySQL

CTO/CPO

Distópico · Jul 2026 – Nov 2, 2026

Led product and technology, including delivery planning, architecture and web development.

- Product prioritization and architecture decisions.
- Development and maintenance of digital experiences.
- Technical documentation and delivery process organization.

Next.js · TypeScript · PostgreSQL · Cloudflare Workers

CTO/CPO

+55 Hub Corporate Group · Jul 2026 – Nov 2, 2026

Led product and technology, including web development, integration design and delivery coordination.

- Product planning and technical decisions.
- Website and web application development.
- Quality criteria and operational documentation.

Astro · TypeScript · Cloudflare Workers · PostgreSQL

Scrum Master

Websis Tecnologia · Apr 2024 – Dec 2025

Facilitated agile ceremonies, tracked priorities and coordinated delivery with cross-functional teams.

Scrum · SQL Server · Power BI

Full Stack .NET Developer

Websis Tecnologia · Sep 2023 – Apr 2024

Web application development and maintenance with .NET and Angular.

C# · ASP.NET · Angular · SQL Server · Entity Framework · Dapper

Software Development Intern

Websis Tecnologia · Sep 2022 – Sep 2023

.NET application development and React and Angular interfaces.

C# · .NET · React · Angular · SQL Server

Trainee

TCB · Jul 2022 – Oct 2022

First experience with application migration, technical support and networking.

PHP · Java · Spring Boot · Angular

SELECTED PROJECTS

A study platform with access control and timed exams
cesaints.dev/en/projects/study-platform

A security review of business logic in my own system
cesaints.dev/en/projects/business-logic-review

An onboarding platform with data isolation
cesaints.dev/en/projects/multi-company-onboarding

This site
cesaints.dev/en/projects/this-site

A corporate website and CRM with privacy as a requirement
cesaints.dev/en/projects/edge-crm

Incremental modernization of an administrative system
cesaints.dev/en/projects/member-management

SKILLS

Languages: JavaScript (Node.js) · SQL (PostgreSQL, SQLite, MySQL) · TypeScript

Frameworks and libraries: Astro · Turborepo and pnpm monorepo · Next.js (App Router) · React · Tailwind CSS · Schema validation with Zod

Data: SQLite and Cloudflare D1 · PostgreSQL · Prisma · Supabase (Auth, RLS, Storage)

Authentication and access: Auth.js with mandatory TOTP 2FA · Custom authentication (modern hashing, opaque sessions, roles, audit trail) · Multi-tenant isolation with RLS

Infrastructure and delivery: Cloudflare Workers (D1, R2, KV) · Gated deploys and migrations (backup, verification, rollback) · GitHub Actions · Vercel

Testing: Security tests (isolation, role escalation, CSP, concurrency) · Vitest

AI in the product: LLM in the product with validated output and a spend cap

Security: CSP and security headers · Criticality-based rate limiting

Process: Architecture decision records · Runbooks and operations docs

Only what has strong evidence. The full list, with the evidence level of each technology: cesaints.dev/en/stack

EDUCATION AND AWARDS

Solyd One · Offensive security and penetration testing training

Solyd Offensive Security · 2026 – present

Ongoing training focused on reconnaissance, Linux, networks, web security, vulnerability analysis and Python automation.

Linux · Kali Linux · Python · Shell Script · Nmap · Netcat · Metasploit

Postgraduate (lato sensu) in Process and Project Management

GRAN · Feb 2025 – May 2026

Postgraduate lato sensu.

Postgraduate (lato sensu) in Innovation, AI and Robotic Care

GRAN · Feb 2025 – Jul 2026

Postgraduate lato sensu.

Systems Analysis and Development (associate degree)

UDF University Center · Feb 2022 – Jun 2024

Technology degree.

2nd place, representing UDF

PMI-DF Hackathon · 2023

Second place as a team.

CERTIFICATIONS

- Scrum Fundamentals Certified · SCRUMstudy
- Registered Scrum Basics · Scrum Inc.
- Six Sigma Yellow Belt

LANGUAGES

- **Portuguese**: fluent or native
- **English**: intermediate
- **French**: basic to intermediate
- **Spanish**: advanced

Current version: cesaints.dev/en/cv · updated Nov 2, 2026