CRISTIANO PEREIRA

DevSecOps · CI/CD security automation · Linux & networking

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PROFESSIONAL SUMMARY

Final-year Computer Network Security student (graduating Dec 2026) with 8 months of hands-on DevSecOps experience at ROOTKey, where I built the company's reusable CI/CD security pipelines. Currently building pipegen, an open-source CLI that audits GitHub repositories and sets up a complete, tested security pipeline for small teams. Co-founder of Apex Scout (400 users). Seeking a junior DevSecOps or DevOps role, remote or hybrid.

TECHNICAL SKILLS

- **DevSecOps & CI/CD:** GitHub Actions, Semgrep, SonarQube, OWASP ZAP, Gitleaks, Nmap, Docker
- **Development:** TypeScript / Node.js, Python, Bash, Jest, PostgreSQL, Git
- **Systems & Security:** Linux, Windows Server, Active Directory, TCP/IP, VPN, OWASP Top 10, Metasploit

WORK EXPERIENCE

DevSecOps Intern | ROOTKey

Feb 2026 – Sep 2026 · 8 months · Remote

- Built the company's reusable GitHub Actions security pipelines (SAST, DAST, secret scanning).
- Added pre-commit hooks and a merge quality gate that stop insecure code before it ships.
- Diagnosed and fixed pipeline failures, including a database deadlock in E2E tests.
- Cut E2E test time per shard from 37 to ~10 minutes.

Co-Founder & COO | Apex Scout

Nov 2025 – Jun 2026 · 8 months · Portugal · Hybrid

- Co-founded a platform for booking track days; launched it and grew to 400 users.
- Built the web platform in TypeScript, including AI tools on the Claude API (trip planner, car setup assistant).
- Led QA and gathered user feedback to drive fixes and improvements.

IT Trainee | Alidata Software

Mar 2024 – Aug 2024 · 6 months · Leiria, Portugal

- Designed network infrastructure for a business client; built a diagnostic USB toolkit for technicians.

IT Trainee | Filstone

Nov 2021 – Jun 2022 · 8 months · Fátima, Portugal

- Network mapping, Wi-Fi deployment and IT support; built internal desktop and mobile apps.

PROJECTS & TRAINING

- **pipegen (open source, in development):** TypeScript CLI that audits a GitHub repo against 30+ DevSecOps checks (pre-commit, CI, release, scheduled) and will open a single PR with a complete, tested pipeline. Built test-first, with a threat model and independent security reviews.
- **HealthIT Security Audit:** full audit of a simulated healthcare network (risk matrix, GDPR, 9 findings).

EDUCATION

BSc Computer Network Security | ESTG – Universidade Técnica do Porto (formerly Politécnico do Porto)

Sep 2024 – Expected Dec 2026

CTeSP Cybersecurity, Networks & Operating Systems | ESTG – Universidade Técnica do Porto

Oct 2022 – Jun 2024 · Completed

LANGUAGES

Portuguese (Native) · English (C2, goFLUENT certified)