

## Experiences

### Full-Stack Developer

### Scout Vision

Jan 2025 – Present

- Solo-built *Scout Vision* in 12 weeks: a multi-page Next.js + TypeScript platform backed by Supabase (PostgreSQL) with Supabase Auth (JWT) and Postgres RLS; responsive Tailwind UI and CI/CD on Vercel.
- Integrated Amazon SES for transactional e-mail and Cloudflare for DNS; developed custom APIs for AI-driven scouting workflows.
- Closed the first sale to a professional football club in Apr 2025; now maintain 99 + % uptime and ship continuous UX improvements through a tight club-feedback loop.

### HR Collaborator

### UTAD Solutions Consulting

Nov 2022 – Nov 2023

- Contributed to end-to-end recruiting for a 20+-member student consultancy, screening CVs and organising interviews.
- Modernised the selection flow with problem-solving assessments, improving hiring fit and fairness.
- Collaborated on semi-annual peer-feedback reviews; converted qualitative input to KPI snapshots guiding coaching and improvement.

## Projects

### Chrome Password Decryption

[github.com/BernKing/ChromeStealer](https://github.com/BernKing/ChromeStealer) – **145+ GitHub Stars**

- C/C++ proof-of-concept reversing Chrome credential storage; decrypts AES-GCM passwords via DPAPI master key.
- Auto-locates “Local State” (JSON) and “Login Data” (SQLite) files and parses both at runtime.
- Uses libsodium, nlohmann/json and sqlite3.
- Released for blue-team research, illustrating techniques defenders can monitor for credential dumping.

### Scoring Returns Bot

[github.com/BernKing/Scoring>Returns-Bot](https://github.com/BernKing/Scoring>Returns-Bot)

- Open-source Python Discord bot streaming live football stats; running in 3 community servers.
- Async loops pull API-FOOTBALL data, post rich embeds, and auto-throttle to respect rate limits.
- Follows fixtures across 90 + leagues, with an executable GUI for one-click self-hosting.
- Thread-based design lets every user track up to 3 concurrent matches without blocking others.

## Education

### Vila Real, Portugal

### UTAD

Sep 2022 – Jun 2025

- Bachelor's in Computer Science

## Technical Skills

- **Languages:** TypeScript; JavaScript; Python; C/C++; C#; SQL
- **Frameworks & Libraries:** React; Next.js; Tailwind CSS; .NET
- **Databases & Cloud:** PostgreSQL; Supabase; Vercel; Oracle Cloud; AWS (SES); Cloudflare
- **Tools & APIs:** Git/GitHub; Linux; Docker; CI/CD pipelines; OpenAI/Gemini APIs
- **Languages (human):** Portuguese (native); English (fluent)