

Andries J. (AJ) Greyling

Senior Developer · Backend by nature, full-stack with AI · Remote-first

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Summary

27 years delivering production software in retail banking, product SaaS, and large enterprise environments. I am a **backend developer by nature** — data models, transaction boundaries, integration contracts, and high-volume online and batch processing — and I now deliver **full-stack** with AI-assisted tooling. Ownership from design through deployment in governance-heavy, brownfield, client-facing settings.

Stack: Java, PostgreSQL, Python, TypeScript, .NET. Two decades on Microsoft and Windows, then a zero-Windows shop moved me to Linux-native delivery; I am genuinely productive on both. Experienced in distributed teams, including four and a half years delivering from the United Kingdom.

How I work

- **Boring is predictable. Predictable is smooth. Smooth is fast.** I choose stacks with long support horizons, deep hiring pools, and answers already documented. Boring technology has had its bugs found by someone else already. I do not chase bleeding-edge JavaScript frameworks.
- **AI does the coding, never the stack choices.** Daily Claude Code practitioner. Architecture, data modelling, dependency selection, and decisions about what *not* to build stay human.
- **Mobile: PWA first, then properly native.** Where the device is genuinely required, separate native Android and iOS codebases — each idiomatic, sharing no code — unified by one Domain-Driven Design model and one set of BDD scenarios rather than a cross-platform abstraction.

Core skills

Java · PostgreSQL · Python · TypeScript · .NET / C# · REST API design · backend and data modelling · SQL performance tuning · SQL Server / T-SQL · Domain-Driven Design · BDD / specification-led delivery · Progressive Web Apps · production SaaS · enterprise and brownfield delivery · Windows and Linux · CI/CD · Git (GitHub, Bitbucket) · unit and integration testing · DevOps automation · GIS and spatial data · Claude Code / AI-assisted delivery · technical leadership and mentoring

Experience

Senior Software Developer — Mezzanine · Stellenbosch · Aug 2022 – Present (*exiting*)

- Architect and develop GIS- and AI-enabled production SaaS: backend services, REST APIs, automation, and internal developer tooling.
- Built the Helium Rapid DSL tooling as a VS Code / Cursor extension for a production domain-specific language.
- Practical evaluation of local and hosted LLM workflows, including real running cost once wired into a shipping product.
- Zero-Windows shop: full shift to Linux-native delivery after a career on the Microsoft stack.

Technical Lead — Worth Internet Systems · Somerset West · Aug 2021 – Mar 2022

- Led the development team reporting to the Head of Software Engineering; owned the technical vision for the project.
- Kept client stakeholders aligned to that vision, managed third-party relationships, and carried delivery risk across client, team, and vendor.

Solutions Architect — Mezzanine Ware · Stellenbosch · Jan 2018 – Aug 2021

- Owned security, scalability, maintainability, and architectural direction on SaaS products under enterprise client expectations; identified technical risk and escalated it early enough to be actionable.

Product Development Manager — Mezzanine Ware · Stellenbosch · May 2017 – Jan 2018

- Managed 3 Product Owners and 11 developers across the Mezzanine SaaS product portfolio.

Team Lead / Technical Lead — Capitec Bank · Stellenbosch · May 2011 – Apr 2017

- Technical leadership for three teams of architects, analyst developers, and programmers working in **C#, Java, and T-SQL**; solutions architecture for high-volume, high-performance online and batch processing.

- Coached and mentored two team leaders whom I had originally hired as developers; interviewed and hired extensively across my own and other teams.
- Designed and built a **JSON command-line test-data provisioning and automation framework in C#**, including ground-up middleware that executed core banking transactions from the command line to simulate client-triggered activity. Ansible, Puppet, or Chef would have covered most of it, but a Linux server was not permitted — so I built it in-stack and it shipped.
- Final year focused on DevOps and automation adoption.

Systems Architect — Capitec Bank · Stellenbosch · Aug 2009 – Apr 2011

- Designed, developed, and implemented an automated **credit rules engine** in C#, T-SQL, SQL Server, and Java — design through to production in a regulated lending context.

Senior Software Developer — Mercer · South Croydon, United Kingdom · Jan 2007 – Jul 2009

- C# and T-SQL / PL-SQL for WinForms and ASP.NET applications in a global financial-services organisation, under formal process and approval gates.

Technical Analyst — Mercer · Croydon, United Kingdom · Jul 2005 – Dec 2006

- VB6, VBA, T-SQL, and C# in a UK corporate environment.

Analyst Developer — Capitec Bank · Stellenbosch · 2002 – 2005 · VB.NET, T-SQL, VBA

Analyst Programmer — BoE Bank · Paarl · Jan 1999 – Jul 2002 · Delphi 5, VB.NET, T-SQL

Apr – Jul 2022: short sabbatical — small-scale homesteading and family entrepreneurship, Somerset West.

Education

GIBS — Capitec Leadership Programme for Managers · 2016–2017

NCC Education — International Diploma in Computer Studies, Distinction (79.3) · 1998–1999

NCC Education — International Diploma in Computer Programming, Credit · 1998

Availability

Remote-first preferred; open to hybrid in Somerset West, Stellenbosch, or Cape Town. Flexible hours. English and Afrikaans, both native or bilingual. Experienced collaborating across UK and South African time zones. Full CV always current at congosky.cloud/cv.