

CASPER LOTTER

PRODUCT, AI & SYSTEMS CONSULTANT

Lead AI Consultant at Leaply | Cape Town | Remote worldwide

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PROFILE

I help software teams use AI effectively, modernise existing systems, and ship dependable products. More than 20 years of hands-on engineering, from diagnosis to release.

AI helps me explore code, compare approaches, and support implementation. Clear contracts, automated tests, review, and human judgement keep the work dependable.

SELECTED PROFESSIONAL WORK

TaxTim

Through Leaply | Feb - Aug 2026

As lead developer, led and implemented most of the React UI overhaul and v2 API for the existing Symfony platform. Focused on composability, testing, and modern practices to make future development more sustainable.

React / TypeScript / PHP / REST APIs

Leaply

Current role: Lead AI Consultant

Lead Leaply's consultancy department, working across core products and external client projects. Help the team validate ideas and business opportunities. Diagnosed platform issues and designed and built Leaply Listings.

Rails / Vue / SvelteKit / Firebase

ResourceGuru

Platform45 | Feb 2014 - Aug 2017

As lead developer, rewrote the calendar and improved frontend and backend performance. Made everyday scheduling more responsive for users and supported the client's continued product development.

CoffeeScript / Backbone / Rails

eSimms for Anglo

Platform45 | Jun 2012 - Feb 2014

Led development, improved and demonstrated the product to the Anglo board, and integrated SAP. Successfully rolled out the inspection and risk-management system across multiple assets, including mining sites and plants.

Rails / JavaScript / SAP integration

MORE SYSTEMS I HAVE BUILT

Rootr: time tracking, invoicing, payments, and PDFs through Telegram. **LekkerPledge (in development; not live yet):** recurring payments with signed webhooks, idempotent processing, audit trails, and repeatable deployment.

WHAT MATTERS TO ME

I like understanding how people work and finding ways to make their day easier. I listen to the people closest to the work, speak candidly about constraints, and take responsibility for my part.

I want to leave people better able to understand and maintain what we build together. Twenty years into this career, I am still curious; a new tool matters when it makes a useful difference.

EXPERIENCE

Lead AI Consultant

Leaply | Full-time | Dec 2024 - Present

Lead Leaply's consultancy department, balancing core product development with external client projects. Built Leaply Listings and led TaxTim's UI/API overhaul (Feb-Aug 2026). Consultancy through Leaply: up to 120 hours/month of my time, subject to current commitments. Use AI with typed contracts, tests, and review to verify the work.

Freelance Software Engineer

Riabyte | Apr 2020 - Dec 2024

Led independent projects from requirements through implementation, deployment, and support. Built Rootr, a Telegram-based time tracker and invoicing system, and the Elixir backend and WebSocket API for Nova Messenger.

Senior Web Developer

Platform45 | Jun 2011 - Apr 2020

Built and maintained client systems across requirements, architecture, development, performance optimisation, and technical due diligence. Lead developer on ResourceGuru's calendar rewrite and the eSimms inspection and risk-management system for Anglo.

EARLIER EXPERIENCE

Web Developer, White Wall Web | Aug 2009 - May 2011

Founder, Riabyte | Aug 2008 - Jul 2009

Web Developer, Buzzfuse | Jan 2008 - Jul 2008

Junior Web Developer, ClearPlanet | May 2006 - Dec 2007

CORE CAPABILITIES

Product & systems: technical leadership, architecture, legacy modernisation, requirements, technical due diligence, and workflow design.

Engineering: Elixir/Phoenix, Ruby on Rails, Rust, PHP/Symfony, React, TypeScript, SvelteKit, Vue, PostgreSQL, Firebase, REST APIs, and WebSockets.

AI & delivery: AI-assisted development, agent workflows, MCP, code intelligence, automated testing, Docker, Kamal, CI/CD, observability, AWS, and DigitalOcean.

PERSONAL PROJECTS

Starstate: designed and developed a modular Rust ecosystem for a simulation, including networking, persistence, and diagnostics. **Skuld + Redo:** built agent-coordination and reverse-engineering tools for my own AI-assisted development process.

EDUCATION & LANGUAGES

BSc IT studies, North-West University | 2003 - 2005

Left before completing the degree to pursue an IT career.

Diploma, Internet Development, Crux CTI | 2000 - 2001

English and Afrikaans: native / bilingual.

Full project history, skills, and recommendations on LinkedIn