Roy Boverhof

Hands-On Technical Leader · Agentic Engineering · Still Shipping

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Twenty years in and I still write and review the code I ship. Full-stack depth plus agentic AI compounds into player-coach leverage that compresses quarter-long initiatives into long weekends with green test suites. Architect of the data platforms behind the world's top university rankings (THE, QS). Founder of three companies before age 30.

EXPERIENCE

Product Lead, Rankings Engagement & Analytics

Aug 2025 – Present

Elsevier · Analytics and Data Services

- Day-to-day relationship with Times Higher Education and QS on data and metrics, supporting Elsevier's broader rankings strategy.
- Hands-on with PySpark on Databricks: data pipelines, new product concepts, and the analytics behind THE's World University Rankings and Impact Rankings.
- Lead the technical direction for a new analytics dashboarding platform (MCP and API integration, internal AI tooling). Drive AI fluency across the analytics team; mentor and onboard new joiners.

Manager Data Analytics, Europe, Japan & Rest of World

Aug 2021 – Aug 2025

Elsevier · Analytics and Data Services

- Architected and delivered the data platforms for THE, QS, and clients across Europe, Japan, and the rest of world. Conceived the SciVal Rankings Module, designed the data architecture, and guided the product team through development; now powers THE and QS rankings and drives new subscriptions.
- Tech lead across three phases of the Egyptian Knowledge Graph: built the datasets and defined the technical requirements for a partner-delivered dashboard.

Senior Data Scientist

2019 – 2021

Elsevier · Research, Analytics and Data Services

- Delivered data and metrics for THE World University Ranking.
- Contributed to the COVID-19 Pure Portal.

Full-Stack Engineer (via ServerBiz)

2006 – 2019

Elsevier · Prototyping & Development

- Built prototypes for ScienceDirect, Scopus, 2Collab.
- Delivered the Scopus Author Feedback Wizard (2x researcher feedback, 50% less support processing time).
- Snowball Metrics Lab and Exchange Service: privacy-first metrics-sharing API.

COMPANIES FOUNDED

ServerBiz (2006–2019, full-service internet company; Elsevier became largest client). **Fury Media** (2000–2010, web & multimedia projects). **Renaissance IT** (1999–2004, co-founded at age 19).

LEVERAGE EXAMPLES

Wilgraaghebben.nl modernization (Feb 25 to Mar 1, 2026): 60 commits in 5 calendar days. One commit swapped Bootstrap 2.0.4 to 5.3.3 and jQuery 1.7.2 to 3.7.1 across 58 files. Adjacent work landed in parallel via fan-out agent workstreams: GDPR consent, GA4, drag-and-drop reordering, ARIA pass, Open Graph extractor, DB migrations. Playwright suite built from zero to 103 tests, all green. A quarter-long initiative for two engineers, compressed into a long weekend.

Runnerts.nl greenfield build (Oct 2025 to Apr 2026): 213 commits across 41 active days. Laravel 12 + Vue 3 + Inertia, built with Laravel Boost MCP and a three-agent loop (development, testing, orchestration). Single-day commits closed whole phases: 118-file i18n pass, 39-file public event system with QR ticketing, 57-file role-hierarchy refactor inside a 26-commit day. 489-test suite green at the end. A year-long contract for three engineers, shipped in 41 active days.

LANGUAGES & FRAMEWORKS

Python, PySpark, PHP/Laravel, JavaScript, TypeScript, React, Vue, SQL, Bash.

PLATFORMS

AWS, Databricks, Linux, OpenStack, DNS, Networking.

AI & AGENTIC

Claude Code, OpenAI Codex CLI, AWS Bedrock for programmatic model invocation. Markdown rules and tool-binding as orchestration layer. Fan-out parallel agent workstreams, byte-for-byte parity validation, full diff review.

DOMAIN

Bibliometrics, university rankings (THE, QS), research integrity, author profiling, scholarly metadata, international rankings strategy.

SPEAKING

THE Asia Universities Summit (Abu Dhabi 2019). THE Online Masterclasses. Latvian Ministry of Education. Queen's University Belfast and Durham University workshops.

EDUCATION

Bachelor of ICT
The Hague University of Applied Sciences

LANGUAGES

Dutch (native). English (C2). German (A2). French (A2).

INTERESTED IN

Building products from the first prototype to revenue. Research intelligence, rankings and AI-driven data products. Hands-on technical leadership where the code still matters.