Johann Alexander Botha

Technology executive and founder

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PROFILE

I help businesses build, operate and scale technology, from cloud infrastructure and software products to teams, budgets and day-to-day operations. Over 25 years in South African ICT I have founded and sold companies, served as CIO and CFO, led a 41-person business through a merger, and still design and run production systems myself. I report technology performance, risk and investment priorities to boards. English and Afrikaans.

25+
years in ICT, since 2001

41
people led as General Manager

3
business sales: Bioniq and Biohost (founder), Notcha (CFO)

~89%
below vendor and consultant quotes for the Carrus AWS platform

SELECTED ACHIEVEMENTS

Carrus: an AWS platform for fuel management and telematics at a fraction of the quoted cost

As CIO I designed and ran an event-driven AWS platform (57 CloudFormation stacks, 19 Lambda functions, 12 ECS services, deployed with Terraform) taking MiX Telematics and Teltonika device data over MQTT and API gateways. It was delivered and run at about 89% below the vendor and consultant quotes Carrus had received to set it up.

Bioniq ISP and Biohost: two businesses that almost run themselves

Started Bioniq part-time in 2015 on MikroTik, Ubiquiti and Splynx, and founded Biohost for hosting and managed services. Automated more than 90% of day-to-day operations, so operations needed a single role. Both were sold together as a going concern in 2025.

GenusCore and OPSanity: from idea to a live product on infrastructure I run

Lead the product and the whole stack: a multi-tenant, offline-first mobile app on Google Play, its backend, and the private cloud it runs on (Proxmox, Ceph, ZFS on HPE ProLiant), with automated testing, blue/green releases and Prometheus and Grafana monitoring.

EXPERIENCE

2017 – present

Founder and Managing Director · Founder and CEO

GenusCore (Pty) Ltd, South Africa · GenusCore, Inc., Delaware (since January 2026)

- Lead a software, ICT and AI consulting business that also builds and hosts its own SaaS products: OPSanity and ShrinkGuard (live), ROEP, Sintamo and GenusCore hosting (early access), Thermal (paying clients).
- Built the company's private cloud: a Proxmox cluster on HPE ProLiant servers with Ceph and ZFS storage and GPU compute; production also runs on Oracle Cloud.
- Set up container delivery with GitHub Actions and zero-downtime blue/green releases. Created appFactory, a delivery method where AI coding agents work from committed specifications and issues, with CI and review at each step.

Jul 2022 – present

Chief Technology Officer

Greysense Group

- Set technology direction and budgets across the group's portfolio companies and assess new technology investments with the executive team.

Jan 2023 – May 2026

Chief Information Officer and Director

Carrus Information Technology

- Owned the technology platform for a fuel management and telematics product: architecture, device integration, delivery standards, monitoring, security and AI governance.
- Built the IT governance framework and GenAI operating model; reported to the board on performance, risk and compliance.

Nov 2021 – Sep 2026 **Chief Financial Officer**
Notcha (sold September 2026)

- Budgeting, forecasting, cash flow, financial reporting and compliance (IFRS for SMEs) for a national craft brand, through its sale.

Aug 2015 – 2025 **Founder and Chief Executive Officer**
Bioniq ISP and Biohost (sold together in 2025)

- Network operations, customer support, billing, suppliers, finance and upstream contracts and SLAs.

Aug 2016 – Apr 2017 **General Manager**
Cura Digital Manufacturing

- Ran the combined 41-person business after its merger with CellSecure, with full P&L responsibility and board reporting.

Aug 2015 – Jul 2016 **Product and Sales Manager**
Intervid

- Managed the IT-based security product range and led the national sales team.

Aug 2013 – Aug 2015 **Midmarket and WSM Sales Manager**
NGA Africa (Business Connexion joint venture)

- Managed eight sales executives nationally, with contracts, budgets and bi-weekly EXCO reporting.

May 2010 – Jul 2013 **Sales Executive**
Business Connexion

- Part of the team that launched the company's CCTV department; managed its enterprise accounts.

Earlier career, 2001 – 2010

Aug 2009 – Apr 2010 Multivid (Jasco Group) · IT Support and Commissioning
Jul 2008 – Aug 2009 Secuscan Security Systems · Project, Marketing and Business Relationship Manager
Aug 2006 – Jul 2008 Retail Business Intelligence · Sales Executive in a team selling more than R17 million a year
Jul 2004 – Aug 2006 Secuscan Security Systems · Project Manager
Jan 2004 – Jul 2004 Unisys · Call Centre Team Leader
Jan 2001 – Jan 2004 Cura Digital Manufacturing · Commissioning Engineer

SKILLS

Leadership and architecture: technology strategy, P&L and budgets, board reporting, IT governance and GenAI policy, cloud and platform architecture, vendor and SLA management, mergers and integration.

Hands-on, in production today: AWS, Oracle Cloud, Cloudflare; Proxmox, Ceph, ZFS, HPE ProLiant; MikroTik, Cisco, Arista; Docker, GitHub Actions, Traefik; PostgreSQL; Prometheus, Grafana; Odoo ERP.

Working familiarity: .NET and C#, Python, TypeScript, Angular, Flutter, C/C++, CUDA; Terraform; VMware; SQL Server; Azure DevOps.

EDUCATION AND CERTIFICATIONS

Matric (2000), Middelburg Hoër · Diploma in C Programming, Alison · Visual Basic .NET Programming, National Computer College · Sales Management, Stratham Bryce International · Milestone Professional · AXIS Certification · SANS 10139 fire detection system design · PSIRA Grades C, D, E

RESEARCH AND COMMUNITY

Independent, unrefereed R&D: distributed LLM inference, a GPU optimisation engine, and an AI-assisted computer-checked result on the Riemann zeta function (code public on GitHub). Secretary of Vriende van CR (school support), since July 2023.

References available on request.