



# Blake Carter

TECHNICAL EXECUTIVE

INNOVATION & RAPID PROTOTYPING



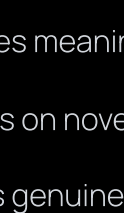
# Blake Carter

## EXECUTIVE SUMMARY

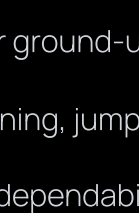
Hands-on technical leader with experience in product development, operations, and strategic transformation. I'm passionate about tackling complex challenges that require a deep understanding and versatile execution.

I'm currently exploring opportunities to apply my tenacity and hands-on skills to new domains. For me, the ability to make a direct impact is my key motivator, which I value over a role's level of seniority as the primary source of my professional growth.

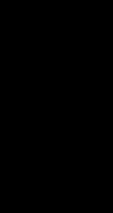
## LEADERSHIP VALUES



**dream**  
big



**collaborate**  
with charisma



**persevere**  
to achieve

## CHARACTER PROFILE

- / Pursues meaningful work with a passion for ground-up understanding
- / Thrives on novel challenges, hands-on learning, jumping in the deep end
- / Values genuine stakeholder relationships, dependability, and rapport
- / Ready to die-on-the-hill and principle that UI/UX is worth doing well
- / Driven by ideas, backed by data-driven acumen

## WORKING GENIUS



**Wonder**  
Genius



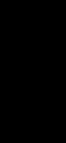
**Invention**  
Genius



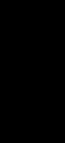
**Enablement**  
Competency



**Tenacity**  
Competency



**Galvanising**  
Frustration



**Discernment**  
Frustration

## PERSONAL INSIGHTS

Location Brisbane Travel / Relocate Yes Married Las Vegas Hobby Spelunking

First Car '91 Prelude First PC Osborne 1 Holidays Waratah, TAS Weakness Challenges

Right to Work / Australian Citizen National Police Check Advocate: White Ribbon Australia / Stop Violence Against Women

# Professional Experience

## Founder

d/rksci • Aug 2024 - Present (1 yr 2 mos)  
INNOVATION LAB • AI INTEGRATION • DATA VISUALISATION • RAPID PROTOTYPING

As Founder of d/rksci, I lead an innovation lab focused on the practical application of AI and data science for business. My work involves hands-on AI Integration, Data Visualisation, and Rapid Prototyping to transform complex concepts into tangible solutions for market testing.

## KEY PROJECTS & RESEARCH

- / Kareer.app: AI-agent operating system for personalised career development.
- / MapGyver: AI-powered lost person modelling with terrain analysis and behavioural prediction.
- / Princhester Associates: AI-driven consulting platform for automated strategic advisory services.
- / Prophet: AI urban development model with scenario backtesting for land development opportunities.
- / rained.cloud: Data preservation platform for historical Australian rainfall analysis.

## Chief Executive Officer

ValuePRO Software • Jan 2022 - Aug 2024 (2 yrs 8 mos)  
CONSTELLATION SOFTWARE PORTFOLIO • PROPTech • PLATFORM MODERNISATION

Following my promotion to CEO, I was responsible for the company's overall strategy, financial performance, and team culture. I led a large-scale replatforming of 36 core products while maintaining a consistent 40-50% EBITA margin and a team eNPS of 8.5-9.5. My role included rebuilding the R&D and Professional Services functions to improve performance and align with industry standards.

## KEY ACCOMPLISHMENTS

- / Directed strategic replatforming of 36 core products (~250k LOC each).
- / Rebuilt R&D and Professional Services functions with significant automation.
- / Consistently delivered 40-50% EBITA margin and team eNPS of 8.5-9.5/10.

## Operations Manager

ValuePRO Software • Jan 2017 - Jan 2022 (5 yrs 1 mo)  
TEAM LEADERSHIP • COMPLIANCE • SECURITY • PROFESSIONAL SERVICES

Directed company-wide technical operations, focusing on security, compliance, and professional services. I led technical teams, managed critical infrastructure, and ensured the company consistently met ISO 27001/9001 certification standards.

## KEY ACCOMPLISHMENTS

- / Managed GRC function including Secure Controls Framework, Essential Eight, and ISO 27001/9001.
- / Implemented Change Management policies, SDLC procedures, and security frameworks.
- / Deployed and managed SIEM and EDR solutions across corporate and cloud infrastructure.
- / Ensured 24/7 stability of Private Cloud and large-scale OLTP database.
- / Led design and delivery of high-security integrations for Government and enterprise clients.

## Senior Developer / Software Architect

ValuePRO Software • Apr 2016 - Jan 2017 (10 mos)  
LEGACY MODERNISATION • DEVOPS • SOURCE CONTROL • PLATFORM ARCHITECTURE

Led hands-on development for projects on .NET and Objective-C stacks while providing technical leadership. I introduced modern DevOps practices to the company and also managed the Customer Support function, using direct client feedback to improve the development process and product quality.

## KEY ACCOMPLISHMENTS

- / Executed 100:2 codebase consolidation into two stable, unified master codebases.
- / Implemented CI/CD pipelines and source control across 150+ codebases.
- / Directed end-to-end customer solutions while leading development and support teams.

## Earlier Career

2003 - 2019  
ENTREPRENEURIAL VENTURES • TECHNOLOGY INNOVATION • PLATFORM DEVELOPMENT

- / Lead Software Engineer, Jetval (2018-19) — Neolending and property valuation platform
- / GIS Consultant, Proprietor (2016) — AgTech data analysis
- / Co-Founder, Hashfund Limited (2013-15) — Bitcoin exchange platform
- / Director, Maintainable Pty Ltd (2011-12) — Property services integration
- / Operations Manager, P2P Advertising Network (2008-11) — Distributed advertising
- / Co-Founder, Alpha BHO (2008-09) — Browser advertising network
- / Co-Founder, Auxhosting (2006-07) — VPS hosting provider
- / Software Engineer, Proprietor (2003-05) — Freelance development

## CORE COMPETENCIES

LEADERSHIP P&L • Strategy • Talent TECHNICAL DevOps • Cloud • Security OPERATIONS Process • Compliance • Scale

INNOVATION AI • Research • Prototyping

## TECHNICAL COMPETENCIES

LANGUAGES Python • C# • JavaScript • TypeScript • SQL FRAMEWORKS React • Next.js • FastAPI • Flutter • Express DATABASES PostgreSQL • MSSQL • SQLite

CLOUD & INFRASTRUCTURE Azure • Private Cloud DEVOPS Atlassian Suite • GitHub • GitLab MACHINE LEARNING PyTorch • LangChain • MCP • Prompt Engineering

## EDUCATION

APPROACH Self-directed • Reverse engineering METHODOLOGY Scaling Up • Peer learning FORMAL B.A. / B.IT. - UQ (incomplete)

PROGRAMMING Self-taught (2006 - present)

# Phone lines are open

In my experience, you learn more from a quick yarn than you do from a pile of resumes. If you feel the same way, just email or book a time for an open-book conversation.

➤ [blake@drksci.com](mailto:blake@drksci.com)

📅 [Book a meeting](#)

# Bio

I've always been driven by an intense curiosity for what makes things tick. This has led me down some strange and wonderful paths, from being hundreds of meters underground exploring tunnels untouched for a century, to having my head under the hood of a car. I'm fascinated by intricate challenges —whether it's a geological puzzle in a remote landscape or deconstructing an incredible feat of early industrial engineering.

In my professional life, I channel this same energy into building software. More recently, I've become captivated by leveraging AI-assistive workflows to strip away the grind and accelerate the journey from a raw idea to a real invention. It's an incredible time to be a creator.

## MANTRA

*I want to believe* that we all have the ability to achieve extraordinary things.



## SEEING IS BELIEVING



**Pyramiden Outpost**  
Existential polar bear hazard  
Pyramiden, RU



**Comstock Lode**  
Search for the Sutor Tunnel  
Virginia City, NV



**Cold War**  
Abandoned ICBM Silo  
Roswell, NM



**Wiftime**  
Chateau Marmont  
Hollywood Hills, CA



**Waukaranga**  
Desert Ghost Town  
South Australia



**Aerial Tramway**  
Elevated bear danger  
Telluride, CO



**Wiftime**  
Griffith Observatory  
Hollywood Hills



**Gravity Observatory**  
Lost Underground Lab  
New South Wales



**YacDonalds**  
Top 10 Dangerous Roads  
Nepal



**Shrine over Annapurna**  
Top 10 Dangerous Roads  
Nepal



**Wiftime**  
Stardust Motel  
Wallace, ID



**Ghost Town**  
Nevada Border  
Bodie, CA



**Ballroom Stope**  
Hollow Mountain  
Tasmania



**Concerning Ladder**  
Underground Manway  
British Columbia



**Terrifying Ladder**  
Wolfram Mine  
Tasmania



**Untouched**  
1900s Copper Mine  
Queensland



**Ghost Car**  
Ghost Town  
Carbonate Hill, NM



**Giant Ore Hopper**  
3,096m Elevation  
Leadville, CO



**Midnight Sun**  
Abandoned Coal Mine  
Svalbard, Norway



**Gulliver's Kingdom**  
Abandoned Theme Park  
Mt. Fuji

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