



Blake Carter

TECHNICAL EXECUTIVE

INNOVATION & RAPID PROTOTYPING

blake@drksci.com

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Blake Carter

EXECUTIVE SUMMARY

Hands-on technical leader with organic experience spanning product development, operational excellence, and strategic transformation. Passionate about tackling complex challenges that require deep understanding and versatile execution.

Currently exploring opportunities naturally aligned with my professional experience, tenacity, and disposition to look beyond the status-quo.

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



Discernment
Competency



Tenacity
Competency



Galvanising
Frustration




Enablement
Frustration

PERSONAL INSIGHTS

Location	Brisbane	Travel / Relocate	Yes	Married	Las Vegas	Hobby	Spelunking
First Car	'91 Prelude	First PC	Osbourne 1	Holidays	Waratah, TAS	Weakness	Challenges

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. This work focuses on impact over commerciality.

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)

Let's chat...

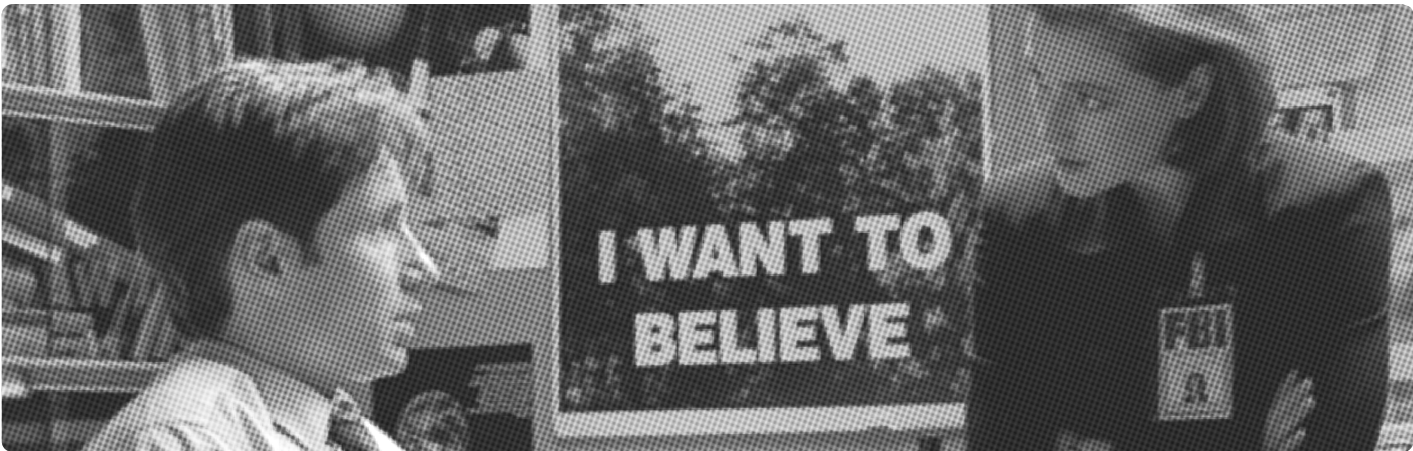
In my experience, you learn more from a quick yarn than you do from a pile of resumes. If you feel the same way, just email or book a time for an open-book conversation.

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PERSONAL MANTRA

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



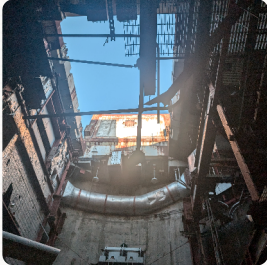
EXTRAORDINARY THINGS...



Hiking
Extreme polar bear danger
🇷🇺 Pyramiden, RU



Spelunking
Comstock Lode
🇺🇸 Virginia City, NV



Exploring
ICBM Silo (abandoned)
🇺🇸 Roswell, NM



Wife
Samuel Griffith Observatory
🇺🇸 Hollywood Hills, CA