



# Blake Carter

TECHNICAL EXECUTIVE

INNOVATION & RAPID PROTOTYPING

# 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, hard yards; jumping in the deep end
- / Values genuine stakeholder relationships, dependability, and rapport
- / Will almost certainly die on the hill that UI/UX impressions matter


## PERSONAL INSIGHTS

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

- ✓ Right to work (Australian Citizen)
- ✓ National Police Check






# 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).
- / Maintained 40-50% EBITA margin with team eNPS of 8.5-9.5 during restructuring.
- / Rebuilt R&D and Professional Services functions with improved structures.

## 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...

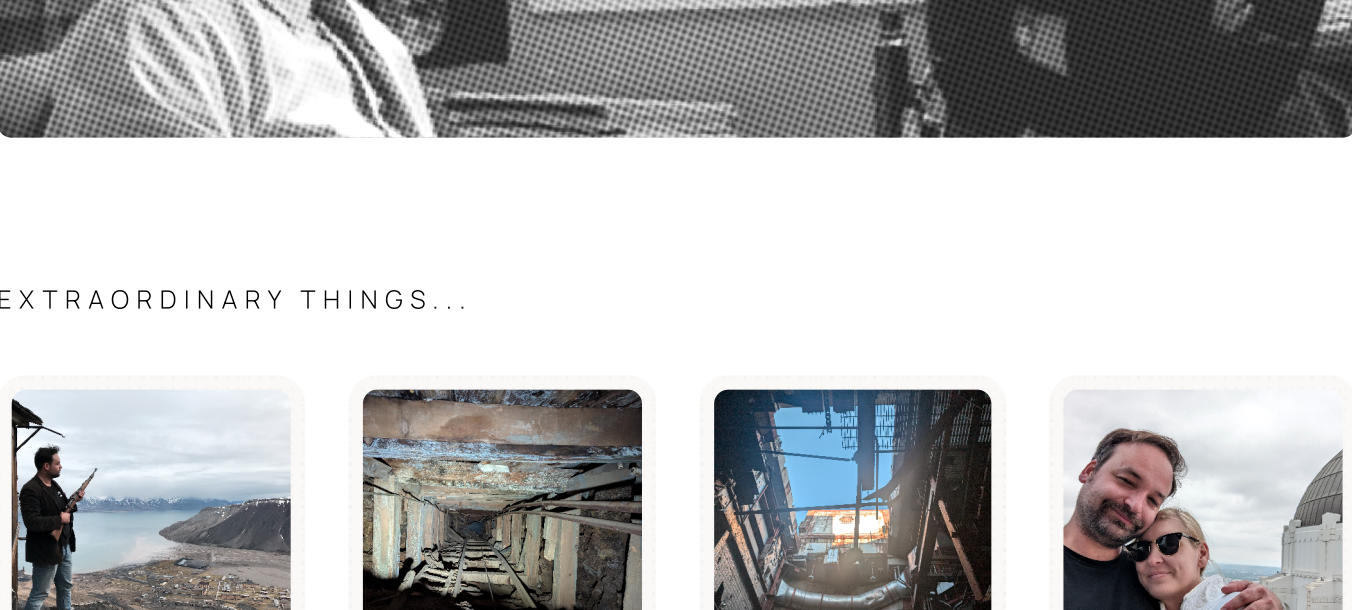
In my experience, you learn more from a quick yarn than you do from a pile of resumes. If you feel the same way, just email or book a time for an open-book conversation.

 **blake@drksci.com**


 **Book a meeting**

## PERSONAL MANTRA


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




## EXTRAORDINARY THINGS...




**Hiking**  
Acute polar bear risk  
Pyramiden, RU



**Spelunking**  
Comstock Lodge  
Virginia City, NV



**Exploring**  
Abandoned ICBM Facility  
Roswell, NM



**Wife**  
Samuel Griffith Observatory  
Hollywood Hills, CA