

## Blake Carter

TECHNICAL EXECUTIVE

INNOVATION & RAPID PROTOTYPING



# Blake Carter

### Hands-on technical leader with experience in product development, operations, and strategic

EXECUTIVE SUMMARY

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.

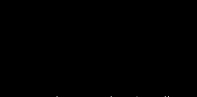
LEADERSHIP VALUES

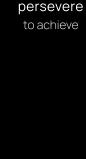




Pursues meaningful work with a passion for ground-up understanding







### Thrives on novel challenges, hands-on learning, jumping in the deep end

WORKING GENIUS 🖸

- 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

### PERSONAL INSIGHTS



First Car



Brisbane

'91 Prelude





Yes

Osbourne 1



Tenacity



Galvanising

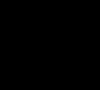


Discernment

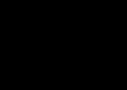
Right to Work / Australian Citizen

Professio	nal Exp	perien	ice

**Founder** 



First PC



National Police Check





Advocate: White Ribbon Australia / Stop Violence Against Women

Weakness

Waratah, TAS



Challenges

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

KEY PROJECTS & RESEARCH

**Chief Executive Officer** 

KEY ACCOMPLISHMENTS

ISO 27001/9001 certification standards.

KEY ACCOMPLISHMENTS

d/rksci • Aug 2024 - Present (1 yr 2 mos)

Princhester Associates ☑: Al-driven consulting platform for automated strategic advisory services. Prophet &: Al urban development model with scenario backtesting for land development opportunities.

→ ValuePRO Software • Jan 2022 - Aug 2024 (2 yrs 8 mos)

Kareer.app ☑: Al-agent operating system for personalised career development.

rained.cloud @: Data preservation platform for historical Australian rainfall analysis.

MapGyver 2: Al-powered lost person modelling with terrain analysis and behavioural prediction.

INNOVATION LAB • AI INTEGRATION • DATA VISUALISATION • RAPID PROTOTYPING

- Following my promotion to CEO, I was responsible for the company's overall strategy, financial perfor-
- 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.

/ Directed strategic replatforming of 36 core products (~250k LOC each)

**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

mance, 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.

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

Earlier Career

function, using direct client feedback to improve the development process and product quality.

/ Managed GRC function including Secure Controls Framework, Essential Eight, and ISO 27001/9001.

Implemented Change Management policies, SDLC procedures, and security frameworks.

Ensured 24/7 stability of Private Cloud and large-scale OLTP database.

Senior Developer / Software Architect

Deployed and managed SIEM and EDR solutions across corporate and cloud infrastructure.

Led design and delivery of high-security integrations for Government and enterprise clients.

KEY ACCOMPLISHMENTS / Executed 100:2 codebase consolidation into two stable, unified master codebases.

Directed end-to-end customer solutions while leading development and support teams.

Implemented CI/CD pipelines and source control across 150+ codebases.

/ Co-Founder, Hashfund Limited (2013-15) — Bitcoin exchange platform

/ Director, Maintainable Pty Ltd (2011-12) — Property services integration

/ Co-Founder, Alpha BHO (2008-09) — Browser advertising network

/ Software Engineer, Proprietor (2003-05) — Freelance development

Co-Founder, Auxhosting (2006-07) — VPS hosting provide

/ Operations Manager, P2P Advertising Network (2008-11) — Distributed advertising

**TECHNICAL** 

**DEVOPS** 

METHODOLOGY

Scaling Up • Peer learning

DevOps · Cloud · Security

React • Next.js • FastAPI • Flutter • Express

Atlassian Suite • GitHub • GitLab

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

**OPERATIONS** 

DATABASES

MACHINE LEARNING

Process • Compliance • Scale

PostgreSQL • MSSQL • SQLite

PyTorch • LangChain • MCP • Prompt Engineering

B.A. / B.IT. - UQ (incomplete)

Book a meeting

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

#### LEADERSHIP P&L • Strategy • Talent **INNOVATION** Al • Research • Prototyping

CORE COMPETENCIES

TECHNICAL COMPETENCIES

Python • C# • JavaScript • TypeScript • SQL

EDUCATION **APPROACH** Self-directed • Reverse engineering

Self-taught (2006 - present)

CLOUD & INFRASTRUCTURE

Azure • Private Cloud

LANGUAGES

blake@drksci.com

dustrial engineering.

MANTRA

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.

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 in-

In my professional life, I channel this same energy into building software. More recently, I've become captivated by leveraging Al-assistive workflows to strip away the grind and accelerate the journey from

WANT TO

BELIEVE

Comstock Lode

Virginia City, NV

Aerial Tramway

Telluride, CO

Elevated bear danger

Shrine over Annapurna

Top 10 Dangerous Roads

Search for the Sutro Tunnel

a raw idea to a real invention. It's an incredible time to be a creator.

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



Pyramiden Outpost

Pyramiden, RU

Existential polar bear hazard

SEEING IS BELIEVING

YacDonalds

Ballroom Stope

🌃 Tasmania

**Ghost Car** 

**Ghost Town** 

Carbonate Hill, NM

Nepal

Top 10 Dangerous Roads





Giant Ore Hopper

3,096m Elevation

Leadville, CO



Wifetime Chateau Marmont

Mollywood Hills, CA

**Gravity Observatory** 

Lost Underground Lab

**Ghost Town** 

Nevada Border

Bodie, CA

Cold War



Wifetime

Mallace, ID

Wolfram Mine

Midnight Sun

Svalbard, Norway

Abandoned Coal Mine

Stardust Motel





Gulliver's Kingdom

Mt. Fuji

Abandoned Theme Park

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