

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.

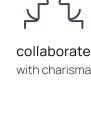
I'm currently exploring opportunities to apply my tenacity and hands-on skills to new domains. For me, the ability to make a direct impact is my key motivator, which I value over a role's level of seniority as the

primary source of my professional growth.

LEADERSHIP VALUES



CHARACTER PROFILE



with charisma



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

Pursues meaningful work with a passion for ground-up understanding

PERSONAL INSIGHTS

WORKING GENIUS 🖸



Location

First Car



Brisbane

'91 Prelude



Travel / Relocate

First PC





Married

Tenacity

Competency



Galvanising

Frustration



Discernment

Spelunking

Challenges

Right to Work / Australian Citizen

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

Chief Executive Officer

KEY ACCOMPLISHMENTS

Founder



Osbourne 1 Holidays Advocate: White Ribbon Australia / Stop Violence Against Women

Waratah, TAS

Las Vegas



Weakness

Professional Experience

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

KEY PROJECTS & RESEARCH

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.

transform complex concepts into tangible solutions for market testing.

INNOVATION LAB • AI INTEGRATION • DATA VISUALISATION • RAPID PROTOTYPING

Princhester Associates ☑: Al-driven consulting platform for automated strategic advisory services. Prophet 2: Al urban development model with scenario backtesting for land development opportunities.

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 con-

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

🛂 ValuePRO Software • Jan 2017 - Jan 2022 (5 yrs 1 mo)

TEAM LEADERSHIP • COMPLIANCE • SECURITY • PROFESSIONAL SERVICES

/ Rebuilt R&D and Professional Services functions with significant automation.

CONSTELLATION SOFTWARE PORTFOLIO • PROPTECH • PLATFORM MODERNISATION

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

sistent 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.

Consistently delivered 40-50% EBITA margin and team eNPS of 8.5-9.5/10. **Operations Manager**

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

KEY ACCOMPLISHMENTS

KEY ACCOMPLISHMENTS

ISO 27001/9001 certification standards.

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

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.

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

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

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

/ 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

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

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

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

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

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

Earlier Career 2003 - 2019 ENTREPRENEURIAL VENTURES • TECHNOLOGY INNOVATION • PLATFORM DEVELOPMENT

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

LEADERSHIP P&L • Strategy • Talent

Al • Research • Prototyping

INNOVATION

CORE COMPETENCIES

LANGUAGES Python • C# • JavaScript • TypeScript • SQL

CLOUD & INFRASTRUCTURE

Azure • Private Cloud

EDUCATION

Self-directed • Reverse engineering

Self-taught (2006 - present)

APPROACH

PROGRAMMING

TECHNICAL COMPETENCIES

METHODOLOGY

TECHNICAL

FRAMEWORKS

DEVOPS

React • Next.js • FastAPI • Flutter • Express

Atlassian Suite • GitHub • GitLab

Scaling Up • Peer learning

DevOps · Cloud · Security

same way, just email or book a time for an open-book conversation. blake@drksci.com

Book a meeting

OPERATIONS

DATABASES

FORMAL

MACHINE LEARNING

Prompt Engineering

Process • Compliance • Scale

PostgreSQL • MSSQL • SQLite

PyTorch • LangChain • MCP •

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

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

dustrial engineering.

SEEING IS BELIEVING

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

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

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

Pyramiden Outpost Comstock Lode Cold War Wifetime Existential polar bear hazard Search for the Sutro Tunnel Abandoned ICBM Silo Chateau Marmont Roswell, NM Pyramiden, RU Virginia City, NV Hollywood Hills, CA Waukaringa **Aerial Tramway** Wifetime **Gravity Observatory**

Griffith Observatory

■ Hollywood Hills

Wifetime

Mallace, ID

Stardust Motel

YacDonalds Top 10 Dangerous Roads ▶ Nepal

Ballroom Stope

Hollow Mountain

Tasmania

Ghost Car

Ghost Town

Desert Ghost Town

M South Australia



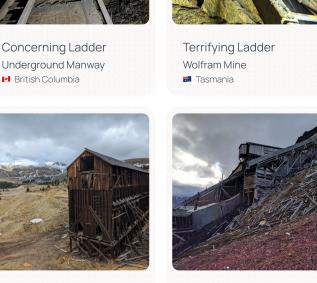
British Columbia

Giant Ore Hopper

3.096m Elevation

Elevated bear danger

■ Telluride, CO



Midnight Sun

Abandoned Coal Mine



Abandoned Theme Park

Lost Underground Lab

Mew South Wales

Ghost Town

Nevada Border

Bodie, CA

Carbonate Hill, NM ■ Leadville, CO Svalbard, Norway Mt. Fuji

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