

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.

collaborate

with charisma

dream

LEADERSHIP VALUES



- 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 ☑

Invention

Wonder

Location	Brisbar
First Car	'91 Preluc





National Police Check



Yes

Osbourne 1



Tenacity



Advocate: White Ribbon Australia / Stop Violence Against Women

Las Vegas

Waratah, TAS

Galvanising

Weakness



Spelunking

Challenges

persevere

to achieve

Right to Work / Australian Citizen

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

KEY PROJECTS & RESEARCH Kareer.app 2: Al-agent operating system for personalised career development.

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

INNOVATION LAB • AI INTEGRATION • DATA VISUALISATION • RAPID PROTOTYPING

transform complex concepts into tangible solutions for market testing.

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

Princhester Associates ☑: Al-driven consulting platform for automated strategic advisory services.

Prophet &: Al urban development model with scenario backtesting for land development opportunities.

Professional Experience

rained.cloud @: Data preservation platform for historical Australian rainfall analysis. **Chief Executive Officer**

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

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

Professional Services functions to improve performance and align with industry standards.

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

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

Operations Manager

KEY ACCOMPLISHMENTS

KEY ACCOMPLISHMENTS

ISO 27001/9001 certification standards.

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

TEAM LEADERSHIP • COMPLIANCE • SECURITY • PROFESSIONAL SERVICES

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

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

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

LEGACY MODERNISATION • DEVOPS • SOURCE CONTROL • PLATFORM ARCHITECTURE

→ ValuePRO Software • Apr 2016 - Jan 2017 (10 mos)

/ 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.

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

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

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.

ENTREPRENEURIAL VENTURES • TECHNOLOGY INNOVATION • PLATFORM DEVELOPMENT

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

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

TECHNICAL

DEVOPS

METHODOLOGY

Scaling Up • Peer learning

DevOps · Cloud · Security

React • Next.js • FastAPI • Flutter • Express

Atlassian Suite • GitHub • GitLab

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

/ 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

OPERATIONS

DATABASES

MACHINE LEARNING

Prompt Engineering

Process • Compliance • Scale

PostgreSQL • MSSQL • SQLite

PyTorch • LangChain • MCP •

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

Book a meeting

INNOVATION Al • Research • Prototyping

CLOUD & INFRASTRUCTURE

Azure • Private Cloud

TECHNICAL COMPETENCIES

Python • C# • JavaScript • TypeScript • SQL

P&L • Strategy • Talent

LEADERSHIP

LANGUAGES

CORE COMPETENCIES

Earlier Career

2003 - 2019

APPROACH Self-directed • Reverse engineering

Self-taught (2006 - present)

EDUCATION

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-

WANT TO

Cold War

Roswell NM

Wifetime

Griffith Observatory

■ Hollywood Hills

Abandoned ICBM Silo

BELIEVE

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.

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

> Wifetime Chateau Marmont

Mollywood Hills, CA

Gravity Observatory Lost Underground Lab

Ghost Town

Nevada Border

Bodie, CA

SEEING IS BELIEVING



Pyramiden Outpost

Pyramiden, RU

Existential polar bear hazard

YacDonalds

Ballroom Stope

Tasmania

Nepal

Top 10 Dangerous Roads

Aerial Tramway Elevated bear danger Telluride, CO Shrine over Annapurna Top 10 Dangerous Roads

Comstock Lode

Virginia City, NV

Search for the Sutro Tunnel

Concerning Ladder Underground Manway British Columbia

Wifetime Stardust Motel Mallace, ID Terrifying Ladder Wolfram Mine

1900s Copper Mine

Untouched

Queensland

Ghost Car Giant Ore Hopper Midnight Sun Gulliver's Kingdom **Ghost Town** 3,096m Elevation Abandoned Coal Mine Abandoned Theme Park Carbonate Hill, NM Leadville, CO Svalbard, Norway Mt. Fuji

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NAME: Blake Carter TITLE: Technical Leader EMAIL: blake@drksci.com PHONE: Available on request

LOCATION: Brisbane, Queensland, Australia

PORTFOLIO: https://drksci.com LINKEDIN: https://www.linkedin.com/in/blake-carter-5995ab5a/

[-- PROFESSIONAL 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.

Focused on opportunities with natural fit to experience, tenacity, and disposition to look beyond the status-quo. Thrives on novel challenges, hands-on learning, jumping in the deep end.

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

- · Pursues meaningful work with passion for ground-up understanding, rather than position descriptions
- Values meaningful stakeholder relationships and dependability as essential foundations

[-- PROFESSIONAL EXPERIENCE --]

Role: Founder Employer: Drksci Dates: 2024-08-01 - Present

Founded d/rksci as an innovation laboratory exploring the intersection of AI, data science, and practical business applications. Specialised in rapidly prototyping novel solutions and transforming ambitious concepts into market-ready realities.

• rained.cloud: Historical rainfall data preservation platform (100+ years of weather data)

• <u>Kareer.app</u>: Career development platform with AI-driven insights and personalised guidance

• <u>MapGyver</u>: AI-powered lost person modelling using terrain analysis and behavioural prediction

<u>Prophet</u>: Experimental AI consciousness exploration and pattern recognition
 <u>Princhester Associates</u>: AI-powered consulting and strategic advisory platform

Keywords: Innovation Lab, AI Integration, Data Visualisation, Rapid Prototyping, Machine Learning, Artificial Intelligence, Business

Intelligence, Product Development, Startup Founder, Technology Strategy

Role: Chief Executive Officer Employer: ValuePRO Software Dates: 2022-01-01 - 2024-08-01

Revitalised ValuePRO's product portfolio and positioned the company as the premier PropTech solutions partner for the valuation industry following acquisition by Constellation Software. Led modernisation of highly customised product portfolio including 40+ customised (250k+ LOC) forks of mission-critical software in complex private cloud environment.

- Replatformed and launched alpha successor to legacy (450k+ LOC) core product in under 1 year
 Achieved eNPS of 8.5-9.5 by shifting team culture to embrace meaningful impacts
 Consistent 40-50% EBITA margin and eNPS of 8.5-9.5/10

Keywords: Constellation Software Portfolio, PropTech, Platform Modernisation, Executive Leadership, CEO, Software Engineering, Product Strategy, Digital Transformation, Team Management, P&L Management, EBITA, eNPS, Agile Management

Role: Operations Manager Employer: ValuePRO Software Dates: 2017-01-01 - 2022-01-01

Led development teams in building scalable web applications while maintaining corporate governance and compliance standards across ISO27001 and 9001 certifications.

· Maintained ISO27001 & 9001 certification with zero audit findings • Implemented SIEM and EDR security solutions across enterprise infrastructure

Keywords: Team Leadership, Compliance, Security, Professional Services, ISO27001, ISO9001, Operations Management, SIEM, EDR,

Information Security, Risk Management, Quality Assurance

Role: Senior Software Architect Employer: ValuePRO Software Dates: 2016-04-01 - 2017-01-01

Joined ValuePRO to spearhead platform modernisation and establish foundational systems including CRM, SOPs, source control, and DevOps practices. Evolved role to encompass BAU operations, systems management, offshore team leadership, and key account stewardship.

Key Accomplishments:

- Managed 100:2 consolidation of divergent internal dependency codebases
- Implemented CI/CD pipelines and change management procedures

Introduced source control for 150+ legacy codebases

Keywords: Legacy Modernisation, DevOps, Source Control, Platform Architecture, CI/CD, Git, Software Architecture, System Integration, Change Management, Enterprise Software, Technical Leadership

[-- EARLIER CAREER --] Dates: 2003 - 2019

- Lead Software Engineer, Jetval (2018-19) Azure SaaS architecture • 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

Keywords: Entrepreneurial Ventures, Technology Innovation, Platform Development, Azure, SaaS Architecture, GIS, AgTech, Blockchain, Bitcoin, Fintech, VPS Hosting, Cloud Computing, Software Engineering

[-- SKILLS --] LEADERSHIP:

- Strategy
- Talent
- Executive Management • Team Building • Change Management
- TECHNICAL:

• Security

• Software Architecture • CI/CD

• AWS

- Git Azure
- Docker Kubernetes • Python
- JavaScript • React
- Node.js
- · Database Design • API Development

OPERATIONS: Process • Compliance

- Scale • ISO27001
- ISO9001 • SIEM • EDR
- Risk Management • Quality Assurance
- Vendor Management INNOVATION:
- AI • Research • Prototyping

• Machine Learning

- Data Science • Product Development
- Digital Transformation • Startup Operations

[-- EDUCATION --]

University of Queensland • 2006 - Present Self-directed learning approach with focus on practical application and reverse engineering methodology. Programming skills developed

Bachelor in Information Technology / Arts

through continuous self-study since 2006.

[-- PROFESSIONAL PHILOSOPHY --]

Envision: the extraordinary Collaborate: with charisma

Persevere: to achieve

Travel: Willing

[-- PERSONAL INSIGHTS --] Location: Brisbane

Married: Las Vegas Hobby: Spelunking First car: '91 Prelude First PC: Osbourne 1 Holiday: Waratah, TAS

Weakness: Challenges

END OF TRANSCRIPT

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