

Philip Todd

SENIOR SOFTWARE ENGINEER | TECHNICAL LEADER

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WEBSITE



GitHub

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PROFESSIONAL PROFILE



A commercially minded Technology Leader and Senior Developer with 15+ years of experience delivering cloud-first, product-driven solutions that improve operational performance, reduce risk, and create new revenue streams. Recognised for leading architecture and full-stack development across Azure-hosted SaaS platforms, enterprise APIs, and IoT-enabled products—working with high-profile clients. Skilled in taking products from concept to launch, modernising legacy systems, and aligning engineering strategy with business goals. A trusted advisor to C-level stakeholders, bringing a rare mix of hands-on development expertise, platform design acumen, and product vision to market-facing technology teams. Proven ability to build and lead onshore/offshore teams, optimise delivery through modern DevOps and Agile practices, and drive innovation in competitive markets.

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| ☒ Technical Architecture | ☒ IT Delivery Management | ☒ MS Stack development |
| ☒ Digital Transformations | ☒ Software Development (DevOps) | ☒ Azure cloud platform |
| ☒ Delivery & Implementation Plans | ☒ Continuous Improvement (CI) | ☒ Cloud Integrations |
| ☒ Stakeholder Engagement | ☒ CI/CD pipelines | ☒ Platform Integrations |
| ☒ Real-Time Data Analytics | ☒ Team Management | ☒ DB design and development |

SELECTED HIGHLIGHTS

- Architected and delivered DIVVY's Drive-Up Car Park System, combining Azure IoT Hub, serverless functions, Samsung-based edge devices, and RESTful API architecture, integrated with Adyen terminals and Xero to support real-time access, payments, and reporting. Platform launch led to a ~40% increase in revenue.
- Led end-to-end delivery of Justbooked.com.au, a cloud-native parking aggregator built from scratch. Directed platform architecture, API design, and Azure deployment, while integrating Xero and FatZebra gateways
- Delivered the Woolworths Q-Tracker platform, enabling WooliesX to provide real-time queue visibility during the COVID-19 pandemic. Developed and deployed public-facing APIs hosted on Azure, integrated into the Woolworths.com.au domain, significantly boosting DIVVY's brand visibility and market reach.
- Implemented enterprise-grade data analytics and reporting (BI), including reporting databases, data sync processes, and Angular-based dashboards using Telerik modules, empowering DIVVY executives and clients with timely access to operational and financial insights.

PROFESSIONAL EXPERIENCE

SECURE PARKING, SYDNEY

JUN 2025 TO DEC 2025

Australia's largest car park operator across Australia & New Zealand. Managing over 600 facilities across Australia and New Zealand, the company provides end-to-end car park management, consultancy, and innovative technology solutions like the award-winning Voyager system.

ENGINEERING MANAGER

Reporting to the Head of Application Development, I provided technical leadership for a newly established DevOps team, spearheading the modernisation of legacy development processes. I architected and implemented robust CI/CD pipelines to support a complex microservices ecosystem built on the Microsoft stack, including Azure, Azure SQL, App Services, and Service Bus. By leveraging serverless functions and message-queue architectures, I transformed "primitive" workflows into scalable, automated DevOps practices that enhanced system reliability and delivery velocity.

DIVVY PARKING, SYDNEY

JAN 2019 TO DEC 2024

DIVVY Parking is a smart mobility and parking solutions provider operating across four capital cities, delivering innovative car park access and asset booking technology to a broad client base, ranging from major REITs and banks to education and commercial customers.

HEAD OF TECHNOLOGY

Recruited to rebuild and modernise DIVVY's technical function following the exit of the incumbent vendor. Held full accountability for the architecture, development, and support of core B2B/B2C platforms and Azure-hosted services, while scaling a geographically distributed technical team from scratch. The role reports to the CIO.

- Strategic liaison and escalation point for all internal technical matters, advising the CEO, CIO, and senior leaders on product roadmaps, trends and AI, platform design, investment planning, and customer impact.
- Designed a scalable cloud-native architecture, replacing legacy infrastructure and enabling a more robust App Services framework, SQL/Cosmos DBs, API Management, serverless functions, and new SaaS-based offerings across access control, bookable assets, contact tracing, and queueing platforms.
- Introduced next-generation SaaS products for car park access control, booking platforms, and enterprise customer portals, leveraging Azure IoT Hub, serverless functions, and mobile-first edge devices.
- Architected the BI/reporting stack including synchronisation pipelines, reporting DBs, and visual dashboards.
- Managed the design and governance of RESTful API integrations supporting third-party systems such as Adyen, Xero, FatZebra, and major enterprise clients; established scalable API-first practices.
- Championed cloud DevOps and automation, introducing CI/CD pipelines to streamline deployments.
- Built a high-performing technical team of 10+ FTEs, including Tech Leads, Developers, QA, and BA). Offshored part of the team to reduce costs. Implemented performance metrics, workforce planning, and Agile coaching to elevate delivery speed and quality.

EQUIFAX, SYDNEY

OCT 2018 TO DEC 2018

Equifax is a global data, analytics, and technology company operating in over 24 countries, providing credit reporting, identity verification, and fraud prevention solutions to individuals, financial institutions, and commercial clients with over 14,000 employees.

SENIOR FULL STACK DEVELOPER (Contract)

- Contracted (following a security breach) to enhance the security posture of its Secure Sentinel identity protection platform, fortifying .NET-based web applications (C#, VB.NET, ASP.NET) in alignment with OWASP Top 10 standards to reduce data exposure risks and restore customer trust.

TOTAL SYNERGY, SYDNEY

DEC 2014 TO JUN 2018

Total Synergy is a software company specialising in business and project management solutions for architecture, engineering, and construction design firms, delivering cloud-based platforms that streamline operations, resource planning, and financial performance.

SENIOR SOFTWARE DEVELOPER

Appointed to lead the transformation of Total Synergy's legacy desktop application into a modern, Azure-hosted SaaS platform. Held responsibility for system design, technical direction, and mentoring of junior staff while supporting the business through key stages of its product evolution.

- Partnered with the CEO to translate their vision into product roadmaps, with a focus on improving the scalability and usability of existing product lines whilst introducing new solutions to market.
- Migrated Practice Management System from a legacy desktop application into a scalable cloud-based SaaS platform, enhancing user accessibility and commercial viability.
- Brought the expertise needed to drive architectural guidance across all development phases, including database design, front-end technology choices, and third-party SaaS integrations (e.g. accounting, reporting).
- Developed core components using C#, Azure SQL, Angular, HTML/CSS, and JavaScript, focusing on a robust and modular application capable of scaling with customer needs.
- Delivered technical leadership and best-practice development standards, while mentoring junior developers and supporting team knowledge uplift across .NET, Angular, and Azure environments.

Previous positions held

- **Technical Analyst & Designer | AUS Data Tech, 2012 to 2014**
Rescued a failing PoS development project by re-architecting and refactoring a poorly built offshore codebase, delivering a functional solution that prevented project failure and mitigated potential revenue loss for the client.

ADDITIONAL SUPPORTING INFORMATION

Professional Certifications:

- Agile Project Management | Australian Institute of Management
- IBM Certified For E-Business (Solution Designer) | IBM

Qualifications & Education:

- Bachelor of Science (Computing Science), Honours
University of Technology, Sydney, 1999

References:

- Full references on request