

Darryn Brooking (BSc, GDTchg)

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CAREER MISSION

To work with engaged, interesting people in varied IT industry roles where diligence, no box thinking, customer focus and values driven work delivers outcomes that make the work, industry and community a better place.

PROFESSIONAL SUMMARY

Software engineering leader with deep expertise in modernizing legacy systems, leading technical teams, and delivering resilient public sector solutions. Proven success in full-stack development, DevOps, and system integration.

IT jack-of-all-trades and passionate IT pioneer with decades of experience crafting applications, integrations, processes and systems ranging from “simple” time-saving shadow-IT widgets to pan-organisational critical systems. Passionate about automating processes, collaborative development, deep integration, and quality assurance. No box thinking, bringing customer centric service role experience into the IT domain. Values driven team development and leadership, collaborative working approach to project management and delivery.

SKILLS / SUPERPOWERS

Technical Leadership & Mentoring - Proven experience leading teams through complex development cycles, mentoring, reviewing code, and fostering collaboration across disciplines to raise standards and deliver robust outcomes.

Systems Analysis & Problem Solving - Renowned for “no-box” problem solving. Able to recognise patterns, rebuild orphaned systems, and uncover elegant, efficient solutions in legacy code and documentation.

Continuous Integration & Automation – Implemented CI/CD pipelines and automated workflows to streamline deployment, testing, and delivery improving reliability, speed, and scalability across environments.

Advanced Software Development & Design - Expert in designing and developing middleware interfaces, web applications, and automated integration processes. Skilled in multiple languages, frameworks, and environments always using the best tool for the job.

Client, Network & Application Support - Hands-on experience maintaining cloud-based, client- and server-side systems. Excellent technical support, remote installation, and translating complex technical concepts for all audiences.

Adaptability, Focus & Innovation - Exceptionally quick learner with intense focus and a results-driven mindset. Constantly exploring new technologies and methods to optimise performance and drive innovation.

Algorithms, Data Structures & Modelling - Strong foundation in computational logic and data architecture. Able to design, model, test, and prove systems to meet performance and functional requirements.

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EMPLOYMENT HIGHLIGHTS

Technical Lead - 2022 – 2025 - Health New Zealand (Client)

DevOps Engineer - 2019 – 2022 - Ministry of Health, New Zealand (Client)

2020 – 2025 Proclaim Product Team: Led the technical direction and team development for the Proclaim ecosystem, ensuring stability, scalability, and continuity of critical health systems.

Key achievements:

- **Knowledge Recovery:** Researched and documented long-running legacy systems with no existing support knowledge. This restored operational oversight and enabled upgrading previously immutable systems.
- **System Migration & Upgrade:** Modernised legacy platforms by upgrading OS and core components reducing risks and operational costs. Integrated Proclaim with the replacement systems, ensuring uninterrupted public services.
- **Team Leadership:** Development of a stable long term focused IT project team, fostering a culture of ownership, documentation, and proactive system stewardship.

Software Engineering Manager - 2024 – 2025 - Accenture New Zealand

Technical Lead - 2023 – 2024 - Solnet Solutions Ltd. (bought by Accenture NZ in 2024)

Senior Java Software Engineer – 2019 – 2023 – Solnet Solutions Ltd.

Responsible for the design, development, maintenance, testing and delivery of robust, sustainable software solutions for clients. Working both in-house and client-site on project- and support-based work, integrating with other teams to fully deliver on the needs of the client.

Key achievements:

- **Client-Centric Innovation:** Identified strategic gaps in legacy GTPS/Proclaim systems; successfully pitched and initiated the Proclaim Product Team to address long-term needs.
- **Full-Stack Development:** Led development of major enhancements in 2019 and ongoing support for the Java based NZ Cancer Registry application and backend services.
- **DevOps Support:** Provided hands-on support and maintenance for client-site legacy systems, ensuring reliability and compliance.

Programmer Analyst / Software Engineer - 2010 – 2019 - University of Waikato, New Zealand

Contributed to all aspects and activities of the application life cycle, ensuring that solutions fit within the enterprise context and providing feedback on architectural design, technical documentation for systems related initiatives, application support, and administration.

Key achievements:

- **Legacy System Modernisation:** Led the development of the Application to Enrol project to update the workflow and UI of the legacy online enrolment system SAS-e Web. Provided ongoing sole maintenance and support until the full system replacement SITS:Vision.
- **OSB Integration:** Spearheaded use of Oracle Service Bus to bridge legacy and modern systems, resolving long-standing interoperability issues.
- **CI/CD Transformation:** Led the implementation of automated pipelines for build, test, and deployment, significantly improving team efficiency and release quality.
- **System Integration:** Led the design and implementation of the integrations for SITS:Vision.
- **Java EE Web Application Development:** Using a MVC pattern, developed a web UX/UI to blend seamlessly into the university's existing website and to interface with Jade SMS's SOAP backend service as well as an operational model-based testing suite.

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EDUCATION, TRAINING AND CERTIFICATIONS

- 2025 Accenture Certified Delivery Lead Fundamentals**
- 2023 ICAgile Certified Professional**
 - Agile Project and Delivery Management
- 2020 Health and Safety Representative Initial**
- 2017 MuleSoft Certified Developer**
- 2016 Microsoft SQL Server Integration Services**
- 2013 ICAgile Certified Professional**
 - Agile Fundamentals
- 2012 Oracle SOA Suite 11g: Build Composite Apps**
- 2011 Oracle Service Bus 11g: Design & Integrate Services**
- 2010 Oracle Financials Foundation**
- 2010 ITIL Foundation v.3**
- 2008 ISTQB Foundation Certification**
- 2008-9 Post-graduate studies**
 - Agile development
 - Discrete event simulations
 - Data Mining
 - Machine Learning
 - Model based testing
- 2004 Graduate Diploma of Teaching (Secondary)**
 - Mathematics and Technology (Computer Science)
- 1992, 2002 - 2003 Bachelor of Science**
 - Mathematics and Computer Science

IT LANGUAGES / SYSTEMS / PLATFORMS / PRODUCTS

- Java, XML, XQuery, Perl, XSLT, SQL, HTML, CSS, JavaScript, jQuery, JSON, OData, DataWeave, MEL, C++, PHP, Z
- Agile, DevOps, SOA, Microservices, Git, CI, CD, BDD, TDD, OOP, Functional, REST, SOAP, MVVM, MVC, ITIL, Prince2
- IBM WAS, DB2, MQ; Oracle Apex, Service Bus, Database; VirtualBox; Microsoft IIS, VS, SQL Server, SSIS, Power BI; Ant, Maven, Gradle; Jenkins, Angular, Confluence, Eclipse, Android, MuleSoft, Anypoint Studio, LAMP, Jira, Ready!API, SoapUI, LoadUI, Mediawiki, CASD.

Thanks for reading!