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Professional Profile

International wide-ranged technological knowledge and experience since 2000 with a strong focus on results-driven solution design, development and delivery with a proven track record of successful outcomes. Creative thinker and analytical problem-solver with a demonstrated ability to implement but also manage and mentor software and engineering teams from solution inception & execution to completion in mostly Agile, fast-paced, time-sensitive & complex environments. Rare combination of strong technical capability with excellent leadership and soft skills, with the ability to form and maintain productive relationships at all levels. Keen interest in knowing and understanding customers and their businesses to provide a strategic, analytical and forward-looking digital perspective.

Key competencies:

- Architecture, Design & Development
- Data, AI & Integration
- DevOps, Automation, Agile Methodologies
- Leadership & Management
- Communication, Coaching & Mentoring
- Pre-Sales & Sales

Career Synopsis

Role	Business	Date	Location
• Solution Specialist - Data, AI & Integration	Empired Ltd	2019	<i>Perth, Australia</i>
• Principal Consultant - Data, AI & Integration	Empired Ltd	2018	<i>Perth, Australia</i>
• Practice Lead - Modern Apps	Empired Ltd	2017	<i>Perth, Australia</i>
• Technical Team Lead - Modern Apps	Empired Ltd	2016	<i>Perth, Australia</i>
• Product Development Manager	Cinglevue Ltd	2014	<i>Perth, Australia</i>
• Senior Enterprise Java Developer	BMW Group	2012	<i>Munich, Germany</i>
• Senior Developer & Coach	SOL	2010	<i>Munich, Germany</i>
• Senior Enterprise Java Developer	Telefónica o2	2008	<i>Munich, Germany</i>
• Senior Enterprise Developer & Architect	Nokia	2005	<i>Helsinki, Finland</i>
• Technical Consultant	IBM / Sand Resources	2000	<i>London, UK</i>

Key Qualifications

- Foundations of Everyday Leadership Certification (University of Illinois, 2018)
- Mulesoft Certified Developer – Integration (2018)
- Authentic Leadership Conference & Workshops (Sydney, 2016)
- Microsoft Certified 70-486 Developing ASP.NET MVC Web Applications (2016)
- Microsoft Certified 70-483 Programming in C# (2015)
- Sun Certified Developer for Java Web Services (CX-310-230, 2009)
- Sun Certified Business Component Developer for Java 2 Platform (EJB 2.0, 2003)
- Sun Certified Web Component Developer for J2EE Platform (2002)
- Sun Certified Programmer for the Java 2 Platform (2000)
- IBM Certified Specialist IBM WebSphere Application Server STD Edition V3.5 (2000)

Tertiary Education

Mechanical Engineer – Bachelor of Engineering (Mechanical) - (1992 - 1996)

Experience

April 2015 – current (*Empired Ltd*)

Solution Specialist - Data & AI | Integration / [Empired Ltd](#) (*Perth, Australia*) (*since July 2019*)

Pre-sales, solution architecture and technical lead contribution across several existing but also potential clients. A significant contribution has been recent positive outcomes across several projects at **Anglo American** and in turn resulting in additional demand, growing and leading the team within Anglo American's Data Analytics business unit. Continued focus on driving customer demand, sustainable growth and competency at a Data and AI practice level.

Achievements include:

- Growing an initial team of 4 to almost 30 at Anglo American, with the majority based in Perth and others based in Brisbane, Adelaide, Melbourne and Sydney offices
- Champion for Empired business partners Databricks, Microsoft and Mulesoft
- Creation of best practices documentation and reference material including accelerator projects at an Empired practice level, but also specific to clients.
- Pre-sales and customer collaboration resulting in execution across several key clients specifically for Microsoft Go-Fast Azure Data and Ingestion programs.

Principal Consultant – Data & AI | Integration / [Empired Ltd](#) (*Perth, Australia*) (*2018 - 2019*)

Technical design and implementation lead across predominantly two client engagements: **Hospitals Contribution Fund of Australia** (HCF, Sydney) and more recently **Kentucky Fried Chicken** (KFC, Sydney) in joint venture with **Google**. In addition, similar to previous role as Practice Lead, contributing sustainable growth at a practice level.

Achievements include:

- Improved client confidence and trust in Empired
- Increased team capability and capacity both on-site and remotely
- Contributed to integration architecture and best practice at program level design sessions
- Implemented continuous integration and delivery (CI/CD), promoting and improving quality standards and conventions
- Enhanced configuration and efficiency for hybrid environment deployments across both Anypoint Cloudhub and on-premise runtimes

Practice Lead - Modern Applications / [Empired Ltd](#) (*Perth, Australia*) (*Feb 2017 – Sep 2018*)

Leadership in the bespoke software application space, owning responsibility for driving growth at a practice level and providing mentorship and support to the team.

Achievements include:

- Managing business capability and capacity ensuring alignment with practice requirements and target utilisation
- Maintaining and improving influential customer and partner relationships
- Effective collaboration between delivery teams and key stakeholders
- Delivery of a wide range of bespoke-built applications
- Team's professional development planning and performance management
- Delivery of pre-sales design, documentation and proposals including costing

Technical Team Lead / Architect / [Empired Ltd](#) (*Perth, Australia*) (*March 2015 - current*)

Rio Tinto (*July 2016 – September 2018*)

.NET, C#, VisualStudio, Git, SQL Server, IIS, PowerShell scripting, Team Foundation Server, Octopus, TeamCity, Atlassian Bitbucket, Jira & Confluence

Besides Practice Lead responsibilities across Modern Application practice developers on site at Rio Tinto, primarily responsible for cross-functional team project outcomes and best practices ensuring quality and on time delivery of all Empired Ltd projects and support scoped engagements for Rio Tinto business units. From inception to execution and delivery of software in mostly Agile (Scrum & Kanban) environments, coaching and guiding cross-functional teams leveraging market leading tools and techniques to provide a positive outcome to the customer.

TSA Telco Group (July 2015 - January 2016)

.NET, C#, VisualStudio, Git, Oracle, SQL Server, IIS, PowerShell scripting, Team Foundation Server, Microsoft Release Management, Wix Toolset

TSA Telco Group is the largest provider of telemarketing services to Telstra in Australia, supporting and assisting Telstra with their outbound telemarketing, sales consultancy and face-to-face marketing channels. During a phased digital transformation, replaced an existing unreliable thick client application, built on an obsolete architecture and outdated technology, the newly developed web application Transact successfully provides:

- Loading and pre-processing of Leads
- Recording front of house sales transactions
- Processing back of house sales
- Reading and updating customer profiles
- Product management via administrations screens
- Business Stream establishment via admin screens
- Configurable workflow management

Achievements include:

- Software Delivery Leadership & Scrum Master
- Release and Risk Management
- Configuration and setup of continuous integration and deployment
- Branching strategy and Integration manager
- Incident and task management using SpiraTeam
- Setup and configuration of deployment environments
- Estimation and planning
- Execution of Go-live and Hotfix release deployments

Department of Health (April 2015 - June 2016)

Java, JBoss Fuse, Apache Camel, ActiveMQ, SOAP Web Services, WS-ReliableMessaging, WS-Addressing, WS-Eventing, WS-Security, Maven, Jenkins CI, Vagrant

Department of Health, The Perth Children's Hospital (PCH) project will deliver an innovative facility intended to deliver contemporary, efficient and high quality paediatric care. The Integration Services (IS) work package is focused on delivering a successfully configured Facilities Enterprise Service Bus, based on various JBoss software packages.

Achievements include:

- Stakeholder and Integration Partner Collaboration & Workshops
- Team Leadership & Scrum Master
- Integration, Deployment & Release Management
- Interface Design and Documentation
- Interface Implementation and testing
- Infrastructure Design and Configuration

April 2012 – December 2014

Product Development Manager at [CingleVue International](#) (Perth, Australia)

Product: [Virtuoso Student Information System](#)

Agile, Scrum, Atlassian Jira & Confluence, Redhat Technology Stack, Oracle, MongoDB, SOA, Web Services, RESTful, JSON, Javascript, Node.js, Backbone, Thorax, Handelbars, jQuery, Hibernate, JPA, Spring Framework, iOS, Jenkins, Nexus, Maven, IntelliJ, BDD, Java, Groovy

Responsible for the greenfield design and development of Virtuoso SIS, a fully integrated school management and enterprise learning platform for educators of Kindergarten to tertiary aged students. Achievements including those of a Scrum Master were:

- Collaborate with Stakeholders, Business Analysts and Subject Matter Experts
- Review Business Analysis Requirement artefacts focusing on Behaviour Driven Development (BDD)
- Design and review software architecture designs
- Planning and definition of technical tasks required for each business prioritised and Agile Sprint scoped User Stories
- Solution implementation including unit, integration and functional tests
- Continuous review and improvement of development methodologies
- Continuous improvement of processes and quality control measures as part of the company's product development governance
- Mentoring team members
- Scrum and Sprint documentation and reporting

After a successful phase of completing feature rich modules online enrolment and timetable on time during a period of an ever-growing team of developers, business analysts and testers, promoted to Product Development Manager in December 2013 having responsibilities:

- Manage and oversee the day-to-day activities of on-shore and off-shore software developers, progress monitoring, and performance feedback.
- Instill sound software development lifecycle discipline, leveraging enterprise agile techniques and tools
- Instill a culture of formal peer review of committed code
- Ensure that the development team executes an organised, disciplined, and systematic approach to the delivery and support of products and services
- Accept accountability for the successful, on-time delivery of high-quality products by the product delivery teams.
- Management of software engineering and software development processes

August 2011 – March 2012

Senior Enterprise Java Developer for [BMW Group](#) & [Cirquent](#) (Munich, Germany)

Project: BMW.next

Scrum, Glassfish, Oracle, Web Services, RESTful, EJB, Eclipse, Netbeans, TopLink, JPA, JSF Mojarra, Javascript, Jenkins, Maven, Clustering

A big part of the **BMW.next** project is the new vehicle configurator bmw.at/vc initially deployed in Austria. Web users are able to individually configure any of the BMW models, by selecting from the many configuration choices such as engine, exterior and interior features. Each of the configurations are visually illustrated, complimented by textual information such as details and pricing.

Achievements working in the middle-tier Universal Configurator Platform team, included the maintenance and improvement of the common source code used by the variants of configurator clients. Contribution enabled the on-time launch of bmw.at/vc in 2012:

- Implement features and unit tests
- Modularise components into Maven projects
- Configure and improve Maven builds
- Create continuous integration for newly modularised projects
- Create and update Selenium test cases
- Manage feature and production version control branches

August 2010 – March 2011

Android & Senior Java Developer for [iteratec](#) & [BMW Group](#) (Munich, Germany)

Project: [BMW DriveNow](#) Car Sharing

Android 2.2, SQLite, Simple XML Framework, SSL, Hudson, Robotium, EasyMock, Eclipse, Agile

DriveNow, a [BMW](#) and [Sixt](#) joint venture for premium car sharing, places an emphasis on efficient premium vehicles and comprehensive service. Vehicles may be hired and dropped off wherever the customer needs them.

Achievements working on the greenfield Android application deployed on devices installed within all vehicles were:

- Customer workshops finalising scope and requirements for road-mapped project but also for individual Scrum sprints
- Technical design based on business use cases, focusing on component & sequence diagrams
- Setup of Android development environment
- Configuration of continuous integration and virtual deployment of Android application
- Creation of automated testing of Android application using Robotium
- Customisation of Android kernel for improved security
- Development of custom dependency injection and environment specific configurations for Android application
- Full cycle Android development in terms of activity layout, business logic & persistence implementation
- Mentoring developers joining implementation team
- Defect fixing raised during field testing

Project: iteraplan EAM

Java, Spring, Hibernate, JSP, Javascript, AJAX, Dojo, MySQL, Spring, JUnit, EasyMock, Hudson, Eclipse, Tomcat, Scrum

iteraplan is an open-source tool for Enterprise Architecture Management (EAM). In an Agile methodology environment, achievements included:

- Analysing current architecture and recommending improvements
- Refactoring Hibernate queries to use criteria expressions instead
- Implementing new search features such as persisting search queries & JSP/HTML layout changes
- Defect fixing & improving unit test coverage

July 2010 – September 2010

Senior Developer & Coach for [Staatsanzeiger Online Logistik](#) (Munich, Germany)

Project: Kommunaldruck24

Grails, Groovy, GORM, GSP, Oracle, MySQL, Spring, JUnit, EasyMock, Hudson, STS, Tomcat 6.x, Glassfish 3.0, JAX-WS, JAXB, Javascript, AJAX, CSS, Blueprint framework, Spring Tool Suite (STS)

Outcome was to create a workflow application with the prime use-case enabling users to submit documents to be printed and delivered. Implemented the complete application using Groovy and Grails based on previous rapid application development experience. The application is a joint venture with [saxoprint](#) whose printing services, printing products, prices, delivery services, etc. are made available via protected document/literal web services.

Project: Coaching and Infrastructure

Aside from development, tasks also included the teaching and coaching of test-driven development within a continuous integration and deployment environment. The newly created infrastructure included a Mercurial repository, Nexus Maven repository, Hudson CI, DokuWiki and several instances of Tomcat.

January 2010 – June 2010

Senior Developer for C1-FinCon (*Munich, Germany*)

Project: C1 Advice Manager for [Raiffeisen International](#)

Model Driven Architecture (MDA), JPA, Hibernate, Oracle, Spring, JUnit, EasyMock, CruiseControl, Eclipse, JBoss 5.1, Tomcat 6.x, SSO, Kerberos, SPNEGO

The AdviceManager web application is a technologically leading platform for financial planning and advice on the Central European market, well accepted by both financial advisors and customers. It provides Raiffeisen International the essential instruments to optimise advice and sales processes.

Achievements mainly server-side development centric:

- Implementing the historisation of product data
- Batch processing and mapping of import data
- Configuring annotation and Spring driven transactions
- Mentoring effective unit testing and improving code coverage
- Initial rollout of SSO Security with Active Directory, Kerberos and SPNEGO
- Managing build process and release cycles

November 2009 – June 2010

Remote Senior Developer for SVA-BizSphere AG (*Munich*)

Project: Business Volume Qualision, SVA GmbH ([sva.de](#))

Spring, Swing, DB2, iBatis, JUnit, EasyMock, Hudson, Eclipse, Maven, Scrum, IzPack, Jira

Similar assignments as before, see details for period *June 2008 to July 2009*

10 August 2009 – October 2009

Senior Developer for Tetralog AG (*Munich, Germany*)

Project: Invest Optimize, Maxx & Online Questionnaire ([tetralog.de](#))

CVS, SVN, MySQL, TestNG, JMockit, Continuum, Eclipse, Maven, XML & XSLT

Working on several projects whilst at Tetralog, and assisting with the introduction of the agile methodology assignments included: Introduction of Maven and the migrating of source code projects from ANT to Maven, migrating several source code repositories from CVS to SVN, internationalising web applications, the refactoring and addition of uses cases to existing online questionnaire web applications and defect fixing.

June 2008 – July 2009

Remote Senior Developer for SVA-BizSphere AG (*Munich, Germany & Ottawa, Canada*)

Project: Business Volume Qualision, SVA GmbH ([sva.de](#))

Swing, Spring, DB2, iBatis, JUnit, EasyMock, AppFuse, Hudson, Eclipse, Maven, Scrum, IzPack, Jira & Confluence

BVQ is a smart SAN Volume Controller visualisation tool facilitating transparency and manageability of storage. In an agile development environment with biweekly scrum sprints, we inherited the source code and initially re-factored the code to be more maintainable. This was done by splitting the code into maven modules, improving test code coverage, introducing Spring and configuring a continuous integration setup. The refactoring allowed us to efficiently implement new features and fix defects beyond 20 sprint cycles.

Project: Web.Alive Reconstruction Application, Nortel ([projectchainsaw.com](#))

AppFuse, Spring, Hibernate, UML, JUnit, EasyMock, Hudson, Eclipse, Tomcat, Restful, Maven, Jira & Confluence

Web.Alive is a 3D immersive world environment and the assignment was to create an application allowing Web.Alive participants to re-create vocal conversations they had within the environment. Responsibilities were to design, implement and document the workflow-based server-side components of the application. Remoting between the front-

end (Flex graphical user interface) and the server-side components was made possible using a RESTful service interface.

June 2008 – July 2008

Groovy & Grails developer (*Munich, Germany*)

1 September 2006 – July 2008

Senior Java EE developer at Telefónica o2 Germany GmbH (*Munich, Germany*)

Project: Customer Portal Application (o2online.de)

15 March 2006 – 30 June 2006

Infrastructure administrator & reporting developer at IBM (*Helsinki, Finland*)

Project: Toscana

24 January 2005 – 26 February 2006

Senior Java EE development and architecture role at Nokia (*Helsinki, Finland*)

Project: Nokia Online

27 October 2004 – 14 January 2005

Senior Java EE development role at Adgistics Ltd (*London, United Kingdom*)

Project: Ford Advertising Management System

28 September 2004 – 26 October 2004

Senior J2EE development role at Oyster (*London, United Kingdom*)

Project: Vodafone VIA

February 2004 – 31 July 2004

Java EE development role at Adgistics Ltd (*London, United Kingdom*)

Project: Ford Advertising Management System

October 2000 – February 2004

Java Technical Consultant at Sand Resources (*London, United Kingdom*)

- **IBM Software Group**
Staines Middlesex, February 2003 – January 2004
- **Jobpartners Ltd.**
London (Hammersmith), September 2002
- **IBM Software Group**
Staines Middlesex, November 2000 – July 2002

Skills Summary

Programming:

C#, Python, Java, Groovy and F#
XML, XSL, XSLT, JPA, JAXB, JAXP, JAX-WS, SOAP, JAXR, SAX & DOM
HTML, JSON, JavaScript, Typescript
SQL, HQL & EQL

Frameworks, Libraries, Scripting, Tools:

.NET Framework, .net core, Spring Framework, Grails, Struts, Hibernate, TopLink, iBatis
EJB, JMS, Servlet & Web Services
JUnit, JUnit, TestNG, NUnit, MSTest, EasyMock & JMockit
XDoclet, Tiles, Velocity, Sitemesh, Swing
jQuery, Thorax, Backbone.js, Require.js, Handlebars.js, Bower, React
TFS, TeamCity, Jenkins, Bamboo, Hudson, CruiseControl, Octopus, Maven, Ant
YAML, RAML, Swagger
Powershell

Middleware / Platform

PaaS services across predominantly Azure, but also Google and AWS – predominantly Data, Application and Integration services: ADF, SQL, IoT Edge, IoT Hub, Kubernetes, Data Lake, Storage, Databricks, Machine Learning
Tomcat, JBoss Wildfly, Application Server & Enterprise Service Bus, IIS, BEA Weblogic 8.1
WebSphere Application Server 3.5, 4 & 5, WebSphere Portal 4.1.3 & 4.2
GlassFish, IBM HTTP Server, Apache HTTP Server, Nginx, Node.js
Mulesoft Anypoint, Redhat JBoss Fuse
RabbitMQ, AMQP

Databases:

Oracle, MySQL, PostgreSQL, SQL Server, HSQLDB, MongoDB, DB2

Version Control:

Git, Mercurial, Subversion, CVS, ClearCase, TFS

Integrated Development Environments:

VisualStudio, VS Code, IntelliJ, Eclipse, NetBeans, STS, TextMate, IBM WAD

Software Development Methodologies

Agile (Scrum & Kanban), Waterfall & Rapid Application Development (RAD)

Design & Architecture

Creational, Structural, Behavioral and Concurrency Patterns
Security Design Principals
Gang of Four Design Patterns