



Bruce McLachlan

SOFTWARE ENGINEER | ARCHITECT
PROJECT MANAGER | CONSULTANT

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Location South Africa

About me

In 2012 I completed my Postgraduate Diploma in Business Management at Wits Business School. I have 16 years of experience delivering software projects across industries, including Telecommunications, Health Insurance, Finance, Investment Banking, Commercial Banking, Mining and Resources, using custom built, COTS, and open source solutions. I am comfortable working on-site or remote, and have extensive experience working remotely with customers and managing distributed delivery teams.

I am involved in all aspects of business development and project delivery ranging from managing client relationships and identifying new opportunities to giving development advice and debugging code. I am able to quickly switch context and communicate appropriately and effectively at different levels.

I have a strong Software Engineering & Architecture background. My focus at the moment is on Managing and Delivering Systems Integration and Middleware projects for Red Hat across the EMEA region. I provide value to my company and clients by combining technical expertise with business acumen.

Current position

Senior Middleware Architect (Middle-east, Turkey, Africa) | Red Hat | January 2016 – Present

Project Delivery

- Analysis, Architecture, Design, Implementation and Testing for Red Hat Middleware products
- Provide consulting services and Middleware expertise to customers
- Provide Middleware SME services, mentoring, guidance on best practices, and recommended implementation approaches
- Manage end-to-end project engagement and delivery

Architecture

- Focus on Red Hat Enterprise Middleware offering, including: JBoss Enterprise Application Server, JBoss Fuse, Apache Camel, A-MQ, and related technologies
- Support development teams to resolve technical challenges
- Analyse customer needs and deliver highly available and scalable architectures

Education

PDM (Postgraduate Diploma in Management), Business Administration | Wits Business School | 2011 – 2012

MEng, Master of Software Engineering (in progress) | University of the Witwatersrand | 2006

SCWCD | Sun Certified Web Component Developer | 2003 – 2003

SCJP | Sun Certified Java Programmer | 2002 – 2002

Computer Programming Diploma | CTI (Computer Training Institute) | 1999 – 2000



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Work experience

July 2013 – December 2015 (2.5 years)

Software Engineering Manager | Accenture Project Delivery

- Manage project delivery for multiple concurrent projects
- Oversee and contribute to entire project lifecycle
- Drive initial client engagements and manage the relationship
- Understand client's political landscape and power map
- Consider client's financial position and expectation
- Facilitate workshops to define project objectives and scope
- Propose a solution plan for the new initiative and iterate through options with all stakeholders
- Obtain contract signoff and mobilize resources
- Oversee internal resourcing across all projects and ensure the right people are working on the right projects
- Utilize global resource capabilities and manage resource assignment for project delivery from India, South Africa, and Mauritius
- Facilitate Planning, Analysis and Design workshops
- Work closely with technical leads to ensure timely delivery
- Manage any blockers during project implementation and find creative solutions
- Oversee project closeout and handover to support teams
- Manage project finances from initiation to close-out

Technical

- Drive technical architecture discussions with client
- Support development teams to resolve technical challenges
- Review code and recommend better approaches
- Review functional and technical documentation and ensure high standards

Community

- Work with HR to drive recruitment initiatives, perform technical interviews and vetting of candidates
- Advise on technical competency level of candidates and propose level for appointment
- Run internship programme for systems integration candidates to identify quality people and build the junior levels of the workforce
- Responsible for running the Systems Integration Capability at the South African Delivery Centre

July 2012 – June 2013 (1 year)

Technical Architect | Accenture

- Solution architecture, Technical architecture, Software architecture, Integration architecture
- Managed technical work stream
- Implemented functionality using Agile/Scrum approach
- Completed all work stream activities ahead of schedule and made capacity available to assist other teams

January 2008 – July 2012 (3 years 4 months)

Technical Team Lead | IBM / MTN

- Led team of 12 developers and support engineers
- Liaison between Business and Dev/Ops teams
- Liaison between local and IBM India teams
- Manage resource allocation and project management
- Ensure operational stability of Contact Centre applications
- Solutions Architecture for central customer information system

November 2008 – December 2009 (1 year 2 months)

Software Engineering Consultant | EPI-USE

- Led team of 6 developers to complete a 12 month project
- Application design and development mentoring
- Client liaison and requirements analysis
- Design and development of HR system, international client
- Java/SAP integration

October 2005 – November 2007 (2 years 2 months)

Technical Lead | First National Bank

- Led team of 12 developers to complete a 24 month project
- The pilot for this project ran for 6 months with no downtime or defects
- Played role of junior architect, responsible for many critical design decisions
- Telephony and IVR integration

January 2003 – September 2005 (2 years 9 months)

Senior Java Developer | Discovery Health

- Completed various projects to enhance and stabilize customer facing web applications and integration to relevant back-end systems

April 2000 – December 2002 (2 years 9 months)

Java Developer | Rand Merchant Bank

- Implemented various projects for Risk Management and Futures Clearing

