

Jethro Badenhorst



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Summary

I'm the Platform Development Lead for Conlog (Pty) Ltd, an Engineering company focused around the Metering industry.

In this role I oversee a team of In-house developers and a team of contracting developers.

Our most exciting work to date has been developing an Advanced metering infrastructure Solution (AMI) which is an integrated system of smart meters, communications networks, and data management systems that enables two-way communication between utilities and customers.

Not only has it been an interesting project, but also we found it rewarding to see a action performed on your phone translate to your house having electricity.

Before joining Conlog, I worked for two Software Development Companies - G4s and Webhouse Group - and was lucky enough to work on some amazing products such as Xtime900 (Access Control and Time and Attendance system geared for the Mining Industry), SAP Generic Sync, and Ilink247.

I'm truly passionate about my work and always eager to share knowledge with my team members. While I enjoy all aspects of my job, I've recently found interest in Azure cloud computing, Enterprise Architecture, DDD Domain Driven Design and Managing People.

There are many technical aspects of being a team lead, but managing business processes and people certainly keep you on your toes.

I'm always interested in hearing from past colleagues, managers, or just other technical individuals, so feel free to contact me if you'd like to connect.

Experience

Software Team Lead

Conlog (Pty) Ltd

Oct 2013 - Present (8 years 4 months +)

To serve as an integral part of the product design leadership team, developing skills, communications and cooperation.

To lead the software development team, coordinate all work aspects throughout the product life cycle, allocating resources effectively and motivating and developing team capabilities.

To participate in research, design, and analyse of software products and sub-systems.

To architect, design, develop, code, test and document quality enterprise-wide business applications and sub-systems from specification to full release.

To ensure that software development efforts meet both internal and external customer requirements and design standards and specifications.

To identify issues and risks and develop plans to mitigate such issues and risks.



Senior Software Developer

Conlog (Pty) Ltd

Oct 2012 - Sep 2013 (1 year)

Review specifications both internal and external to ensure all requirements are clearly defined and understood.

Generate software specifications as per project requirements.

Ensure the correct selection of technologies and development tools to meet project requirements.

Software design to meet the requirements of both internal and external specifications.

Architectural design, functional design, software coding, integration and testing as per predefined specification and project requirements.

Design and implementation of test harnesses to assist in design validation.

Ensure that software design and documentation conforms to the requirements of the code of practice.

Host and attend engineering design reviews, code walkthroughs, scrum sessions etc.

Ensure the quality of designs through the use of peer reviews, worst case calculations, simulations, and testing, giving consideration to all aspects relevant to the design.



Software Developer

SkyCom

Sep 2008 - Oct 2012 (4 years 2 months)

Project Name: Xtime900 Web application

Scope/Purpose of Project:

SAPREF refinery requested a scaled down version of Xtime900 that they could run on their local Intranet. This functionality consisted of Employee and Visitor enrollment, site validation, integration with Sagem Biometric reader/Impro RFID reader via ActiveX controls, capturing of photo's using webcam and adobe flash and SSRS Reporting.

Size of Team: 2 developers

Responsibilities:

- Project planning and document specification.
- Product design, development and Implementation.
- Product testing

Project Name: SAP Generic Sync (With Eppiuze)

Scope/Purpose of Project:

After multiple SAP Sync System were created for our various clients, Skycom decided to develop a single Generic SAP Sync System that could be used moving forward. The system certified though Eppiuze to show the authenticity and standardization SAP. This would help with any future sales as most of our clients had the need for integration from SAP to Xtime system.

Size of Team: 1 developer

Responsibilities:

- Project planning and document specification.
- Product design, development.
- QA testing with Eppiuze SAP Developers.
- Unit testing of the Generic SAP Sync.



Software Developer

The Webhouse Group

Jan 2008 - Oct 2008 (10 months)

Project Name: ILink247

Scope/Purpose of Project:

The ILink247 Process Management Platform was developed by the Webhouse Group over a 5 year period, around the needs that were identified within the motor industry. The ILink247 process management platform offers a variety of modules all available to the user through the secure online web portal.

Size of Team: 5 Developers

Technologies used:

Asp.Net

Sql Server

Visual Studio 2005

Responsibilities:

- Project planning and document specification of each client requested module.
- Developing client Modules
- Maintaining the System Development Life Cycle (SDLC)

Project Name: REE (A Waste and Recycling Company)

Scope/Purpose of Project:

Scoped Time of project was 4 months. Purpose of the project was to develop a private web based Intranet application for to handle waste management operations, waste calculations, client profiles and weight measurements.

Size of Team: 2 Developer

Responsibilities:

- System design and documentation.
- Management of other developer.

- Development of system.

Education



Varsity College

Diploma in Information Technology

2006 - 2007



Durban High School

Licenses & Certifications



Microsoft Specialist: Architecting Microsoft Azure Solutions - Microsoft

F644-3789



Microsoft Certified Professional - Microsoft

7949134



ASP.NET MVC Testing From Scratch - Pluralsight



Android for .NET Developers Series: Getting Started - Pluralsight



Developer to Manager - Pluralsight



Introduction to Leadership and Management for Developers - Pluralsight



Certified ScrumMaster® (CSM®) - Scrum Alliance

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Skills

ASP.NET • ASP.NET MVC • .NET • WCF • C# • JavaScript • jQuery • CSS • Microsoft SQL Server • Visual Studio