

DIANA KOESWANTO

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Summary

IT Professional with more than 7 years of experience analyzing business needs as well as delivering commercial grade software solutions. Solid understanding of the fundamentals as well as current technology trends. Combined with a proven pragmatic approach to deliver fit for purpose software.

Looking to utilize my strong analytical and problem solving skills to deliver solutions for businesses. Highly motivated, loves a challenge and willing to learn new skills and technologies.

Highlights

- Requirements elicitation and gap analysis
- Translating business requirements into *detailed* user stories and scenarios
- Manage internal and external stakeholders as well as development teams
- Software architectural design and development
- Project management
- Agile methodology: TDD, BDD, CI/CD, Scrum, Kanban

Technical Skills

Programming and Scripting Language:	Java, Ruby, C#, JS, Bash, PHP
Database:	Google Cloud Datastore, Google Big Query, MS SQL, MySQL, PostgreSQL
Testing Framework:	Mockito, Hamcrest, Cucumber, Gherkin, JUnit, JBehave
Backend Libraries and Framework:	Guava, Guice, JDBC, JDO, Servlet, NHibernate, Log4J
Frontend Libraries and Framework:	IndexedDB, JQuery, React, Redux, Google Web Toolkit, Gin, CSS
Project Management Tools:	Jira, Confluence
Version Controls:	Git, SVN
Cloud Platforms:	Amazon Web Services, Google Cloud Platform
Other Tools:	Docker, Maven, IntelliJ, Microsoft Office 365
Ecommerce Platforms:	Woocommerce (Wordpress), BigCommerce, Shopify

Education

Bachelor of Software Engineering (Hons) / Bachelor of Commerce (Accounting, Finance)
The University of Sydney - 2008

Professional Experience

Jesuit Mission Australia

July 2019 to current

Sydney, Australia

Jesuit Mission Australia is a non-profit organization that works with the most vulnerable and marginalized brothers and sisters overseas, empowering them to live full and free lives through community development programs.

Administration Assistant

Key Achievements

- Conducted requirement analysis to determine the best platform to build Jesuit Mission's virtual gift shop, which I then developed and managed using **Shopify**.
- Responsible for managing the content of Jesuit Mission's website, which is built on **Wordpress**.
- Introduced and developed web pages to allow supporters to RSVP to our events, which then integrates to our donors database, eliminating the use of emails and manual entry.
- Providing support to the CEO and Rector, including but not limited to: ensuring smooth and effective management of the CEO's and Rector's diaries and all meeting arrangements; preparing detailed interstate and overseas travel arrangements including flights, accommodations, visas, and transfers.
- Providing support for donation processing accurately and in a timely manner.
- Providing support for the organizational operational planning, including but not limited to OKR settings.
- Established photo library and management of invoices using Sharepoint.
- Automated invoice processing using Microsoft's Power Automate.

Responsibilities

- Ensuring the smooth running of office operations.
- Ad-Hoc IT support (see key achievements above)

Career Break

November 2013 to February 2017

A [career break](#) to focus on family.

Apmasphere

February 2009 to November 2013

Sydney, Australia

Apmasphere is an entrepreneurial venture backed by Australia's largest real estate group, Ray White. The venture is focused on building a property management platform to help property managers break out from traditional constraints and deliver first class service to property owners.

Technical Business Analyst (Jan 2013 - Nov 2013)

Key Achievements

- Extracted the domain model into a separate application and implemented them using **Ruby**, with the support of the software architect.
- Successfully conducted the initial rollout of the trust accounting system to a pilot office and provided training to end users
- Followed behavior driven development process by implementing all stories and scenarios upfront using **Cucumber** and **Gherkin**.

Responsibilities

- Conducted customer interviews to have better insight about their needs and their mental model of the domain.
- Defined domain model specifications in the form of user stories and scenarios.

Scrum Master (on a rotational basis) (Feb 2009 - Nov 2013)

Key Achievements

- Successfully kept the team focused and removed any distractions that would delay the team members from reaching their goal during that iteration.
- Worked closely with the product owner and architect to ensure user stories are ready for development and that the backlog is groomed. All issues are managed using **Jira Software**.
- Facilitated daily stand-ups and end of iteration retrospective.

Software Engineer (Feb 2009 - Dec 2012)

Key Achievements

- Worked closely with the product owner, architect and UX designer to implement numerous application features, the most notable one being trust accounting, which was written in compliance with the NSW Trust Accounting legislation. Implementation was done using **Java**, deployed into **Google App Engine**.
- Involved in designing and implementing the client side form engine to boost developers productivity. The form engine allowed developers to declaratively compose interactive forms which had dynamic behavior with complex business rules validation. These rules were defined in terms of **Guava's** predicates and functions, making them composable.
- Followed test driven development process by implementing unit and behavior tests upfront for the feature specification using **JUnit**, **Mockito** and **JBehave**.

Solentive

December 2007 to February 2009

Sydney, Australia

Solentive is a custom software development company that aims to deliver an end to end solution for their clients. Each project received is implemented differently based on the client's needs and requirements.

Software Consultant

Key Achievements

- Completed multiple projects in a timely manner for various businesses with different requirements. Clients that I have worked with include: BusIT, AdvancedLife Photography, Ray White
- Led a team of 3-5 members as well as helped developed the application using **.NET, C#, ASP.NET** and **LINQ**.

Responsibilities

- Conducted workshops and interviews with the client to understand the business needs and translated them into requirements in the form of user stories and scenarios.
- Involved in project planning and estimation based on the required features.
- Collaborated with the architect to design the system architecture and database schema design.
- Collaborated with the User Interface designer to ensure that the UI of the system complies with the application requirements.
- Implemented Unit Tests, Functional Tests, Integration Tests.