

# Donald Jackson

Owner of Base2 Consulting

donaldjster@gmail.com

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## Summary

I am highly experienced in software engineering specializing in the PHP, C + Java programming languages integrating with different databases, but mostly MySQL. I have excellent analytical skills and come up with the best solution for the problem at hand.

Extensively skilled in SMS based technology including: SMPP, Kannel, Clustering, Number Portability, Routing, Queueing and high availability systems.

I am always looking to innovate and bring new ideas to the table. I get bored very easily and like to be constantly challenged and pushed to my limits.

I believe I am an asset to any company who wants to move their technology ahead, keeping in mind business requirements and considerations. I love planning and developing new systems, but most of all the success of a well planned project.

## Specialties

System Analysis, System Design, PHP, Java, GNU and ANSI C, C++ (Limited), Linux, SMPP, Kannel, Unix, Messaging systems, Distributed Systems, MySQL, JavaScript, ActionScript, AJAX, LAMP

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## Experience

### **Owner at Base2 Consulting**

August 2008 - Present (5 months)

We provide customized IT solutions and consulting to various companies, specializing in eCommerce and Mobile enablement. Kannel commercial support and SMPP assistance.

*2 recommendations available upon request*

### **Messaging Engine Team Lead at Clickatell**

January 2008 - July 2008 (7 months)

In this role I am responsible for development, implementation and maintenance to the core messaging engine of Clickatell. Including: Managing Inbound and outbound SMPP Services, Routing, Queueing and delivery of SMS messages.

I am also the team lead in this role guiding and mentoring other members of the engineering team.

Key activities: C development, Architecture, High availability system

*2 recommendations available upon request*

### **Senior Engineer at Clickatell**

March 2007 - December 2007 (10 months)

In this position I work as one of the Senior Developers on the engineering team, developing new and optimizing old products, as well as maintaining the core system architecture as to achieve the strategic goals of Clickatell.

Key activities: PHP Development

*3 recommendations available upon request*

### **Senior Software Engineer at i4Africa Information Systems**

December 2004 - February 2007 (2 years 3 months)

In this position I managed the software development cycle from start to finish.

*2 recommendations available upon request*

### **Freelance Programmer at Self Employed**

June 2001 - December 2004 (3 years 7 months)

In this position I provided services to a number of clients developing software and solutions from them, managing the entire process. I served mainly web design firms by supplying content management and other solutions as per their requirements.

Clients included: Prezence New Media, Yellow Lizard, Sentratek Holdings, Media Axis, Silversands Casino, Powerbet Casino, ASI Trust, and others.

*2 recommendations available upon request*

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## Education

### **Nelson Mandela Metropolitan University**

BSc, Computer Science, 2002 - 2005

### **Alexander Road High School**

Matric, Computer Science, Maths, Science, Accounting, English Afrikaans, 1999 - 2001

**Activities and Societies:** Tennis, Rugby, Cricket

### **Incus Data**

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## Honors and Awards

Computer Science award 2001

## Interests

Innovation, New Technology, Golf, Tennis, Programming

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## 11 people have recommended Donald

"Donald has highy level skills in the 3G wirless technology sector, including various messaging protocols and service delivery skills. I strongly remmend his professional way in consulting, especially for all Kannel and SMS related fields of interest."

— **Stipe Tolj**, *Owner, tolj.org system archtecture*, was with another company when working with Donald at Base2 Consulting

"Although we worked in departments with natural tension between them, and despite our largely different character sets, Donald and I nevertheless managed to form a working relationship that was mutually beneficial - I believe this was mainly due to his incredible willingness to learn and accept change. From a technical point of view, Donald possesses a mind creative enough to find and implement any solution necessary on the fly, and the dogged persistence to sit through the wee hours to get things done. He has an infectious passion for what he does, and an easy manner of sharing his knowledge."

— **Zayne Halsall**, *Senior Systems Administrator, Clickatell (Pty) Ltd*, worked with Donald at Clickatell

"Donald was a terrific asset to the company. I always found his engineering work accurate, timely and well designed. He provided leadership to the group and made time to assist others. In addition, he was always up for challenges; I found his thoughts creative yet well grounded in practicality. I am confident that anyone who works with Donald will be pleased with his contribution."

— **Bill Wolfe**, *EVP Research and Development, Clickatell, Inc.*, managed Donald indirectly at Clickatell

"Donald is very experienced, we noticed that because he knows what he is talking about ;- ) Donald helped us with some bright and nifty hints how to improve our SMS architecture."

— **Adriaan Mol**, was Donald's client

"Donald is a very gifted programmer and can design and program a solution specifically in Salesforce.com with minimal specs. He is a pleasure to work with!"

— **Charly Glynn**, was Donald's client

"I have the honor of working with Donald Jackson at Clickatell. He reports directly to me as PHP developer and his passion for his work is not only inspiring and also up-lifting. He is a extremely dedicated person when it comes to the world of coding and his ability to solve problems is of the best I have seen in years. Not only does he take responsibilities for areas of his immediate domain but also he is very keen to get involved with domains out side his areas of responsibly. His coding talents stretch into many areas."

— **Arthur Van Zyl**, *Pre - Sales manager MEA, Clickatell*, managed Donald at Clickatell

"Donald is a very passionate, experienced and skilled software engineering. He is incredibly adept in creating solutions where others see barriers and obstacles. His varied skill sets put him in a position to handle a wide variety of problems and issues with confidence and expertise. He is a valuable asset to any IT team."

— **Mark Menzies**, *IT Manager, I4Africa Information Systems*, was with another company when working with Donald at i4Africa Information Systems

"Donald is very particular at what he does. He listens to his client and works out every detail. He goes about his business in a very professional manner. I would always recommend him as he is also an absolute expert in his field."

— **Björn Potgieter**, *Owner, Black Alsatian Technologies cc*, was with another company when working with Donald at i4Africa Information Systems

"I have contracted Donald to develop content management systems for websites and various advanced Internet applications. He has consistently delivered work of a high standard and I recommend him highly."

— **Andre Viljoen**, was Donald's client

"It is ridiculous how passionate Donald is about code. He manages to take spec and turn out with something amazing. Not only is he a code genius, but his business insight is invaluable. It is an exceptional opportunity to be able to work with him."

— **Uno De Waal**, *Creative Director, Goldee*, worked directly with Donald at Goldee

"Donald is exceptional at what he does. I have never heard the words "I can't do it" come out of his mouth. He seems to always have a solution to a problem as well as a few extras. Donald is an innovative, forward-thinking software engineer and a great asset to any organization."

— **Stefano Sessa**, *E-Marketer, Clickatell*, worked directly with Donald at Clickatell

[Contact Donald on LinkedIn](#)