



## PHILLIP KRÜGER

### SYSTEMS ARCHITECT, SOFTWARE DEVELOPER

Centurion, Gauteng, South Africa

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### SKILLS

#### Java & Java EE

I have been writing Java since the beginning of [Java](#) and still loving it! I stay up to date with the Language and [specifications](#). I have extensive experience in [Enterprise Java](#), including [JAX-RS](#), [JAX-WS](#), [CDI](#), [JAXB](#), [JAXP](#), [XML](#), [JSON-P](#), [JSON](#), [JPA](#), [JDBC](#), [EJB](#), [JTA](#), [JCA](#), [JMS](#), [JSF](#), [JSP](#), [Servlets](#), [WebSockets](#), [Bean Validation](#), [Portlets](#), [Spring](#), [Swagger](#), [Lombok](#) and much more

#### Linux

I have been running [Linux](#) on my Personal PC since 1999, starting with [Mandrake](#) and then basically went through many distributions including [Red Hat](#), [OpenSUSE](#), [Debian](#), [PCLinuxOS](#). I then discovered [Gentoo Linux](#), and went from a basic Desktop user to being comfortable with building my own OS on my PC. I also used [Ubuntu](#) and [Mint](#). For the past few years I have been using [Arch Linux](#) and loving it. I am comfortable running and managing Linux servers and [Docker](#) containers.

#### Tools

I have been using many tools through the years. Currently these are some of my favorites: [GIT](#), [Gogs](#), [Jenkins](#), [Nexus](#), [SonarQube](#), [Maven](#), [Ansible](#), [Netbeans](#), [Docker](#)

#### Infrastructure

### SUMMARY

I am an accomplished Software **developer** and **architect** offering experience in creating systems in various industries, ranging from banking, insurance, rewards programs, retail and mobile. I have extensive experience in **full stack development**, and prefer to be active in all parts of the SDLC. From conceptualizing to running in production.

I have a passion for **clean code** and **evolutionary architecture**. I love Java, Linux and Open source.

### PROFESSIONAL EXPERIENCE

#### MMI Holdings . Multiply

Jan 2015 - Current

##### Systems Architect

Multiply is a Wellness and Rewards program that encourage clients to live healthier and reach their financial goals.

I am the Systems Architect and I'm responsible for the overall Architecture of the Systems and the Technical implementation and quality of the systems and teams.

I have a hands-on approach and believe in Clean Code Principles and Evolutionary Architecture.

Our systems range from AS400, Java SE and EE, Javascript and we do a lot of integration to and from Partners and other Product Houses in MMI.

#### Standard Bank

Jul 2014 - Jan 2015

##### Software consultant

As a software consultant I assisted with performance tuning of services used by the mobile app. I also assisted with the automation of infrastructure deployment and configuration

#### Thumbtribe Mobile Solutions

Jun 2008 - Jul 2014

##### IT Director, Enterprise Architect, Software developer

Thumbtribe was a startup that brought mobile solutions to feature phones, smart phones and the web. We built a platform that can deliver content on feature phones, smart phones, websites and apps via USSD, WAP, HTML and REST services.

I was running everything IT related, from the teams, the infrastructure to the software.

#### Infowave

Aug 2006 - May 2008

##### Enterprise Architect

I was responsible for defining and implementing a new Architecture for a custom Financial system that was running in Oracle Forms.

#### Dariel Solutions

May 2005 - Jul 2006

##### Software Developer, Technical Team Lead, Architect

I was consulting at Discovery Life, running the dev team, responsible for architecture, design and implementation of new systems.

Software Audits - I was responsible for a two week audit of the South African Post Office Leave Application System

#### Standard Bank

Feb 2001 - Apr 2005

##### Java Developer

The CIO of Standard Bank attended our 3rd year project day at University. After seeing my project, he offered me a job. I was part of many teams in the bank, doing Java and Java EE development. I continued my studies part time.

### EDUCATION

#### University of Johannesburg

2001 - 2003

B.Sc (Hons) Computer Science

I enjoy setting up and automating the environments that my systems need to run. [MySQL](#), [PostgreSQL](#), [DB2](#), [OpenRDF](#), [Elasticsearch](#), [Wildfly](#), [GlassFish](#) and [Payara](#), [TomEE](#), [WAS Liberty](#), [Pluto](#) and more

## Communication

I enjoy talking and debating about technical concerns. I [blog](#) about technical topics and session feedback from conferences. I also enjoy presenting technical topics in forums. I am comfortable running technical meetings and finding solutions around a white board.

## Other

I have knowledge of many other languages, frameworks and libraries. I believe in using the right tool for the job and can learn a new specification, language or framework quickly and easily. Some of these include [HTML5](#), [CSS3](#), [Sass](#) & [Less](#), [JavaScript](#), [Semantic UI](#), [Bootstrap](#), [Foundation](#), [PHP](#), [SVG](#), [XSLT](#), [SQL](#), [RDF](#), [SPARQL](#), [Webjars](#), [OPML](#), [ATOM](#) and [RSS](#) and more.

## MYERS-BRIGGS PSYCHOLOGICAL TYPE

[INTJ](#) (introversion, intuition, thinking, judgment)

## STRENGTHS

[Strategic](#) \* [Analytical](#) \* [Achiever](#)  
\* [Deliberative](#) \* [Relator](#)

## ACTIVITIES

I enjoy playing [squash](#), both socially and league.

Honors degree in Computer Science, focusing on Security, Web programming, Robotics and AI.

## University of Johannesburg

1998 - 2000

### B.Sc Information Technology

Major in Computer Science and Informatics.

## Solms Training

2000 - 2006

### Other courses

Programming in Java, Advanced Java. XML, Object-Oriented Analysis and Design using UML, Enterprise Java Beans, Patterns, Architecture

## SOFTWARE

Some [open source libraries](#) and [examples](#) I create and maintain in my free time:

[Apiie](#) - Swagger on Java EE

[Stompee](#) - Websockets log file on Java EE

[Klokee](#) - Message input on Java EE

## PUBLISHED ARTICLES

Some articles from my [blog](#) that has been published:

[Your own Swagger UI on Liberty](#)

[Monkey methodology](#)

[Google might be wrong](#)

## CONFERENCES ATTENDED

- **2007** - Oracle Open World, San Francisco
- **2011** - JavaOne, San Francisco
- **2011** - Mobile World Congress, Barcelona
- **2015** - JavaOne, San Francisco
- **2016** - IBM Interconnect, Las Vegas

## CORE COMPETENCIES

- Software Development
- System Design
- System Architecture
- Enterprise Architecture
- Business Design
- Business Architecture
- Technical Writing
- Technical Presentation
- Communication
- Team Leadership
- Research & Analysis
- Process Improvements