Stephan Willem Snyman

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Work Experience

November 2022 – Present

Tech Team Lead at First National Bank (South Africa)

In addition to the responsibilities of my previous role, I now also perform the following:

– mentoring the developers on my team

– taking full responsibility for the delivery of all projects assigned to our team

– managing production issues as they arise

– working on improving the efficiency of our tech stack and projects

– liasing with other team leads to standardize our tech stacks and processes

– significantly increasing documentation coverage for all tasks required of developers on the team

August 2015 – November 2022

Software Developer at First National Bank (South Africa)

In this position, I was engaged in the initial development, maintenance, and improvement of projects. Some of the projects for which I was personally responsible (initiation, development, completion) were as follows:

– converting all our projects (20+) from an Ant build system to Gradle

– converting all our projects' (20+) VCSs from CVS or SVN to Git

Some of the applications in which I was involved along with my team were as follows:

– sales platform on the FNB app

– Java web application used both by the FNB call centre and as a CRM for sales teams

– USSD gateway software used for mobile banking

– lead management system (for BI teams, sales teams, third-party credit-rating agencies)

– SMS, data, and voice load testing application

– custom-built enterprise service bus

– third-party simulator application

– many third-party and in-house integration projects

Our main tech stack is comprised of the following:

– JBoss and/or Tomcat application server

– MySQL and MariaDB databases

– RHEL or CentOS

– JSF front-end (if applicable)

February 2013 – July 2015

Software Developer, Java Trainer, and Consultant at ICT Worx

This position entailed the following:

– maintenance of the company's intranet (Java web application using RESTful web services, hosted on IBM WebSphere Application Server)

– use of Javascript and CSS to build the custom front-end for the company's intranet

– provision of technology and skills training, including

- - Java development
- - front-end web development
- - databases (DB2 and MySQL)
- - JEE development

– performing code audits for the Reserve Bank of South Africa in a consulting capacity

Programming languages

- **Java:** 10 years experience as a professional Java developer

- **Python:** about 5 years of casual usage (scripting and Pywikibot usage)

- **Javascript:** 2 years of professional front-end work

- **C++ (Qt):** completed various projects for undergraduate degree

- **VB.NET:** used for contract work for about 1 year

- **Rust:** used for small command line applications

- **Lua:** used for NeoVim config and Wikipedia module programming

Linux and command line tools

- Use of Linux as the OS on my professional and personal devices since 2013

- Proficient with most common Linux command line tools

Miscellaneous

- **Editors/IDEs:** IntelliJ IDEA, Eclipse, Vim

- **Build automation:** Jenkins, GitLab CI

- **Online work collaboration:** GitLab, JIRA, Confluence

- **Networking:** tcpdump, Wireshark, ss, netstat

- **Databases:** MySQL, MariaDB, H2, SQlite

- **ORM:** Hibernate

- **Data presentation:** graphviz, gnuplot

Education and Training

Certification	Oracle Certified Professional, Java SE 6 Programmer (1Z0-851)
Tertiary	BSc Computer Science (from the University of South Africa)
	Graduated September 2018 (studied part-time while working)
Secondary	Cambridge International AS Level
Secondary	Cambridge International IGCSE

Miscellaneous

Languages	English and Afrikaans (native speaker)
Driver's license	South African Code B license