

# CURRICULUM VITÆ

## PERSONAL DETAILS OF APPLICANT

|                 |   |
|-----------------|---|
| ID Number       | 910320 5236 089   |
| Contact Details | 074 11 88 579<br><a href="mailto:krugerpetrus@gmail.com">krugerpetrus@gmail.com</a> |
| Personal Blog   | <a href="http://petruskruger.com">petruskruger.com</a>                              |

## EXPERIENCE

| Company                               | Role                                | Tenure                 | Responsibilities   |
|---------------------------------------|-------------------------------------|------------------------|--|
| MRI Real Estate Software              | Technical Solutions Consultant      | July 2018 – Present    | <ul style="list-style-type: none"><li>• SQL Development &amp; Optimisation</li><li>• Report Development</li><li>• Webdesign in MRI IDE</li><li>• System configurations &amp; Troubleshooting</li></ul> |
| Keyphase Technology Systems           | BI Developer & Solutions Consultant | Aug. 2017 – June 2018  | <ul style="list-style-type: none"><li>• Power BI Dashboard Development</li><li>• SSRS Report Development</li><li>• System configurations &amp; Troubleshooting</li></ul>                               |
| X Sterile Insect Technique (Contract) | Project & Data Consultant           | Sept. 2016 – July 2017 | <ul style="list-style-type: none"><li>• Data Cleaning using Excel Macros</li><li>• Report Development</li><li>• Project Implementations</li></ul>  |
| Sabatical                             |                                     | Jan. 2016 – Sept. 2016 | <ul style="list-style-type: none"><li>• Writing Fiction</li></ul>  |
| North-West University Potchefstroom   | Researcher & Software Programmer    | Jan. 2014 – Jan. 2016  | <ul style="list-style-type: none"><li>• Research</li><li>• Programming Experiments in MATLAB Simulink</li><li>• Writing article and dissertation</li></ul>   |

## QUALIFICATIONS

| Certification  | Description   |
|--|---|
| Amazon Web Services – Solutions Architect - Associate                    | The applicant successfully completed the exam for this prestigious certification on 12 March 2020. See criteria at <a href="#">AWS Certifications</a> .   |
| Master's Degree in Control Theory  | <p>The applicant developed and simulated a non-linear control algorithm for a Rotary Wing Unmanned Helicopter.</p> <p>The research project formed part of an employment with the University with Denel Aviation as a partner.</p> <p>Experiments involved large of amounts of symbolic programming, data analysis and minipulation.</p> |
| Bachelors of Engineering Degree in Electrical and Electronic Engineering | The applicant studied various modules including electronics, power system analysis, signal theory, control theory, statistics, mathematics and project management.  |

## REFERENCES

| Contact          | Tel No.      | Affiliation  |
|------------------|--------------|--|
| Mr. J. Parker    | 072 571 0780 | <ul style="list-style-type: none"><li>• Former Manager at MRI Software</li></ul>                                     |
| Mr. D. McFarlane | 072 245 3823 | <ul style="list-style-type: none"><li>• Former colleague and lead developer at Keyphase Technology Systems</li></ul> |
| Prof. K.R. Uren  | 018 299 1236 | <ul style="list-style-type: none"><li>• Study leader for Master's Degree</li></ul>                                   |

## Career Objectives

In order of importance, these are the prospects the applicant is looking for in his next position:

- Opportunities for analytical solution designs and implementations
- A healthy, value-driven company culture
- Fulfilling, significant work on a weekly basis
- Excellent leadership
- A collaborative team
- Exposure to leading technical skills

The possible career paths, the applicant wishes pursue, these could be:

- Full-stack Developer
- Team Lead or Technical Lead
- Solutions Architect

Alternatively, the following career path would also be a good fit for the applicant:

- Solutions Analyst
- Business Analyst
- Team Lead or Technical Lead
- Solutions Architect

The above career paths are based on the applicant's natural aptitude for strategic analysis and ability to bring together complex concepts into cohesive systems.

## Other Interests

- Technical Skill Development
  - Website Development
  - Amazon Web Services Solutions Architecture (Certified)
  - Algorithm Programming
- Blogging
  - Developing leadership skills
- Reading
  - Leadership
  - Personal Growth
- Fly fishing

## Techology Stack

