CURRICULUM VITAE
David Parker

Email: davidscareers@gmail.com
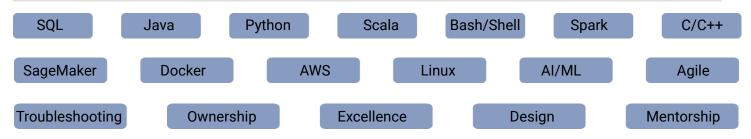**Phone:** +27634851743
LinkedIn: linkedin.com/in/david-theo-parker
GitHub: github.com/TheDarkFlame

INTRODUCTION

- 2.5 years of experience in design and construction of data pipelines in enterprise environments
- Proven ability to leverage full-stack knowledge and experience to build robust and generic systems
- Extensive expertise in data science and machine learning related applications, from both an engineering and science perspective
- Highly effective at acquisition and sharing of skills
- Experience in troubleshooting in a variety of environments and configurations.

SKILLS & TENETS

SQL	Java	Python	Scala	Bash/Shell	Spark	C/C++
SageMaker	Docker	AWS	Linux	AI/ML	Agile	
Troubleshooting	Ownership	Excellence	Design	Mentorship		

EXPERIENCE

Cloud Support Engineer II

Amazon Web Services (AWS) / Cape Town, South Africa / October 2021 - Present

Amazon SageMaker speciality.

Reproducing and solving issues using analytical approaches.

Presented solutions in clear, concise, and easy-to-follow ways.

Interfaced with a variety of customers, each with unique environments and work cultures

Data Engineer

First National Bank / Johannesburg, South Africa / January 2019 - September 2021

Designed and implemented REST API integrations.

Researched and created git workflow standards to improve robustness and productivity.

Integrated real-time, scalable, streaming pipelines across a variety of technologies, including Openshift, Spark Streaming, Kafka, Hadoop, and Microsoft Power Bi.

Designed and implemented batch data loader systems across multiple environments using enterprise frameworks such as Spring boot and Camel.

Trained and mentored junior developers.

EDUCATION

B.Sc. Engineering (Computer)

University of Kwazulu Natal, South Africa

2013 - 2016

Short Course: Optimisation

Stellenbosch University Online, 2020

NOTABLE ACTIVITIES

CHPC Student Cluster Competition - 2015
Designed a small high performance computing cluster for optimal performance with a set low budget

First round winner

Experience establishing a working Linux(CentOS) cluster

Standard Bank IT Challenge - 2015
Competition programming

Won local competition and represented my university (UKZN) nationally

The competition had a focus on analyzing problems, reframing problems as simpler problems, and designing computationally efficient solutions for said problems.

#CoCreateMyCity - 2017
Business innovation project to find sustainable business solutions to solve local issues

Multinational collaboration (teams consisted of 4 Dutch and 4 South African)

Selected based on merit to participate in phase 2

Experience in innovating products from a business perspective

ACCOLADES

Class Representative, Computer Engineering **- 2015 & 2016**

Treasurer, IEEE-HKN Eta Mu Chapter (honors society) **- 2018**

SYNOPSIS

David Parker is a valuable asset to any team that aims high quality best practice workmanship. He works hard to be a catalyst that brings out the best in his team.

When tasked with a new problem, David will break a larger issue into simpler sub-issues, solving each smaller problem in a way that is modular, as generic as possible, simple, and using the correct tool/system for the job. During solution design, he carefully analyses every part, collaborating with domain experts where necessary. He believes in thinking through hard-to-change components carefully to avoid possible implementation and integration issues.

David is not afraid to ask questions that may seem stupid, understanding that if he doesn't understand, there may also be someone else in the room who does not understand. In David's mind, anything unintuitive is an opportunity for innovation.

David is goal driven, and performs extremely well when he has a clear picture of what a task is and when it needs to be achieved by. He has a can-do attitude, nothing is impossible, some things are just easier than others.

David Parker is always on the look-out for new challenges to expand his horizons, and new people to learn from. He is a trustworthy individual, having a held role as treasurer and subsequently through embracing confidentiality protocols of multiple organizations, each with their own sets of private customer data.