

Rainier

Schnelle van Niekerk

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EXPERIENCE

DAZN Poland, Cape Town (Remote) — Software Engineer – Contract

SEPTEMBER 2022 - PRESENT

I was tasked as a contractor for DAZN Poland office, by Hooligan, to help them build and maintain their Live Streaming | VOD services. I was a part of the Concurrency & Playback team; we were responsible for managing the video playback and user device streaming API's.

As part of this team I did some of the following:

- Worked on Concurrency & Playback API's.
- Maintained & developed our GHA workflows.
- Improved upon and maintained our New Relic logging/metrics/APM.
- Monitored & maintained our dev/stage/prod env's.
- Assisted the team in planning and managing Sprint and later Kanban related work.
- Took part in investigating & fixing bugs.

Hooligan Development, Cape Town (Remote) — Cloud Engineer – Permanent

SEPTEMBER 2022 - PRESENT

I joined Hooligan as a Cloud Engineer to be tasked to their clients to help implement, maintain and improve their offerings and expand their presence in their respective industries.

Hooligan specializes in VOD | Streaming solutions.

Korban Ministries, Cape Town (On-Site) — Founder and Blogger – Self-employed (Charity)

JULY 2022 - PRESENT

I created Korban Ministries as a personal Blog site to share my faith and belief in Jesus Christ and share the Gospel with others.

With this project of love I created everything from scratch and by myself, with a lot of grace and some insight from friends:

- Registering and setting up the domain (AWS Route53)
- Hosting the static website via S3 and CloudFront.
- Securing the site with AWS ACM.
- Hosting dynamic content on the site.
- Writing all the blogs and site content myself.

SKILLS

My skill set includes:

- Cloud Computing
- AWS
- Java
- MemSQL/MySQL
- TS, JS and NodeJS
- React and MobX
- Infrastructure
- Scaling
- Distributed Systems

PERSONAL DETAILS

ID: 9802285127080

Nationality: South African.

Marital Status: Married

Criminal Record: None

Driver License: Code 8

LANGUAGES

English – Fluently.

Afrikaans – Home language.

German – Beginner.

ONLINE PROFILES

Fiverr – [Profile](#).

LinkedIn – [Profile](#)

Mega – [Certifications](#)

Korban Ministries – [Evangelical Ministry](#)

- Security.
- Scalability, AWS CloudFront takes care of most of it.

Kurtosys, Cape Town (Hybrid) — *Software Engineer - Permanent*

SEPTEMBER 2020 – AUGUST 2022

I worked in an engineering team. We use TypeScript for most of our API services, with React for our front-end portals as well as MemSQL as our Database solution and NodeJS for running our compiled TypeScript financial microservices.

We use the micro service methodology as well as TDD for local development and CI/CD in our development life cycle. Our team was charged with general improvement and maintenance of about 5-6 of our 15+ backend micro services.

Some daily/weekly tasks I was involved with:

- Developing sprint related stories.
- Managing our Build (TeamCity)/Deploy (Octopus) servers for Dev/Stage.
- AWS infrastructure implementation/management.
- AWS Serverless development and implementation.
- Writing functional Typescript code.
- Writing unit and integration tests.
- Investigating non-prod blocking performance issues or bugs in our services.
- General maintenance.

In this capacity I gained a lot of experience with the CI/CD development lifecycle, from writing the code to running it on the build server to deploying and maintaining it. I was lead on a big project to clear up technical debt with our legacy AWS Lambda functions by updating their runtimes (NodeJS and Java).

Seed Analytics, Cape Town — *Junior Full-Stack Developer - Permanent*

FEBRUARY 2018 – SEPTEMBER 2020

My role included some of the following:

- Managing AWS cloud infrastructure resources.
- Developing front-end, client-side, UIX screens using CakePHP, JavaScript, jQuery and AJAX.
- Designing, implementing and managing back-end Java microservices.
- Database management using MySQL and DynamoDB NoSQL.

In this capacity I was also on rotational support and had to investigate production issues, most of the time this lead to log inspection (AWS CloudWatch), the debugging of our server instances (AWS EC2), managing our AWS SQS queues and fixing bad data.

I was also part of porting and shipping our AWS infrastructure from EC2 servers to AWS ECS. This included a microservice re-write from Java EE 7 to 8 and dockerizing all our microservices.

EDUCATION

Robertson High, Robertson, Western Cape, SA — NSS

2011 - 2016

I went to Robertson High School and graduated with 8 subjects and 3 distinctions.

Eduvos (Previously CTI), Cape Town — *Higher Certificate Information Systems (Engineering)*

FEBRUARY 2017 - JANUARY 2018 - 12 modules

The certification covered the following scope.

- Computer Literacy (Microsoft) • Personal Skills Development
- Processing and Logic Concepts • Program Design
- Hardware Essentials • Software Engineering
- Database Design Concepts • Database Management
- Programming Language Basic and Advanced (Java)
- Network+ Preparation • Security+ Preparation
- Final Exam – Information Systems (Java)



The Senate of CTI Education Group (Pty) Ltd
hereby certifies that the

Higher Certificate in Information Systems Engineering

has been conferred upon

Rainier Schnelle Van Niekerk

9802285127080

with all the rights and privileges
pertaining thereto



Acting Registrar

Dean of Faculties

