Morné Snyman Curriculum Vitae

2020

Personal

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Languages	English , Afrikaans	**Residential Address**	21 Mahogany Crescent, Tygerberg Hills, Bellville, 7530, Cape Town, South Africa

Certifications

Graduated	Certificate	Institution
2013-2014	BTech Higher National Diploma IS, Networking Engineering	CTI
2016	Red Hat Certified System Administrator Certificate	Red Hat
2016	Developer Associate	AWS
2017	SysOps Administrator / Solutions Architect Associate	AWS
2018	Cloud Practitioner	AWS
2018	LPIC-1	LPI
2019	Azure Fundamentals	Microsoft

Employment

Duration	Organisation	Role
2015 – current	Autumn Leaf	DevOps Technical Lead
2015	Corex	IT Systems Specialist

Skills

Category	Skill / Product	Category	Description
AWS Architect	AWS Lake Formation, S3, AWS CodeBuild, CodeDeploy, CodeCommit, Git, Glue, Athena, EMR, Data Security, Cloudwatch, General Logging, Apache NiFi, Jenkins, Hadoop, Security Hub, Guard Duty, AWS Config.	**Cloud Integration**	Migration of on prem environments to the cloud
BI Developer	Apache Nifi, Apache Kafka, Hbase, Hortonworks schema registry, HDP	**Data**	Big Data. Build Data flows for transformation of Data and stream to Apache Kafka topics
DevOps	CloudFormation, Jenkins, AWS Step functions, CodeCommit, CodeBuild, CodeDeploy, CodePipeline, Terraform, GitLab	**Data**	MySQL, S3, MSSQL, Redshift, Hive, EMR, HDP, Glue, JSON, YAML, Python
Containers	Docker	**Cloud**	AWS (DevOps, Big Data)
Serverless	Lambda (Python, mainly boto3 library)	**Development**	Automation
Agile & Mgmt	JIRA, Agile, Scrum, Kanban,	**Development**	Planning and development of SDLC for various projects
Linux Admin	Server Deployments, Server Upgrades and Updates, Monitoring, Storage, Networking (DNS, DHCP) LDAP, Centos, RHEL, SUSE, Fedora, SUSE Manager, EXIM Mail Server, RHSM, Python and shell scripting.Tomcat, WordPress, Apache, HAProxy	**Administration**	Administration of RHEL and SUSE servers for multiple corporate businesses hosting web applications and services.
Training and enablement	General cloud architecture, Big Data Analytics, Version control (GIT), CICD, ETL, Cloud Infrastructure, Monitoring and logging in the Cloud.	**Training**	Hands on Cloud Architecture workshops with various teams within an organization. This includes development and infrastructure teams.

Projects

Period	Client/Project	Description
2019 Sep - current	*Insurance - Cloud Migration and building AWS Datalake to move to IFRS17 standard.*	- Architect and build of AWS Datalake - Included planning the migration of on prem environments into the cloud - Migration of on prem data to cloud storage such as AWS S3 - Design and build data flows with Apache NiFi to transform data - Securing data stored in S3 and Glacier. - Securing cloud environments via integration of AD / LDAP to cloud services. - Migration of on-prem ETL jobs to cloud services such as AWS Glue and AWS Step functions. - Training and enablement of client employees around the cloud space
2019 Mar - 2019 Aug	*Insurance - Apache Nifi*	- Built orchestration workflows through Nifi to enable jobs to flow through a Kafka and Hadoop solution stack. - Included building a CDC solution on top of Apache Nifi to enable MySQL change data capture into Kafka and onto HBase.
2018 May 2019 Feb	*Retail/ Automation / Data Analytics*	- Built CloudFormation, bootstrap and automation scripts to enable Elastic Map Reduce cluster scheduling self-service capabilities for analysts and data scientists. - Lead an operations team building an operations service to build, automate and maintain an elastic big data environment - Setup Hue, Athena and Zeppelin for Data Analysts - Data Lake was roughly 600TB in size with over 40 feeds
2018 Apr	*Mobile payments provider Big Data training provision*	- Training and enablement of customers on automation, CICD and cost engineering services on AWS - Trained customer on how to set up a big data environment on AWS using Elastic Map Reduce clusters and how to setup Hive, PySpark jobs and how to manage multiple transient clusters
2017 Mar - 2018 Mar	*Linux Administrator*	Administration of Linux Servers , SuSE and RHEL at a large retailer.
2016 Oct - 2017 Mar	*Retail AWS Big Data Data Lake*	- Big Data Engineer driving the development of a Hadoop based data lake on AWS using EMR - Externalised Hive and set up integration with LDAP - Designed the clusters to use spot pricing and designed monitoring services to determine the health of the queries within the clusters - Support of various workloads on the cloud and migration of services to the cloud. This included building automation around the infrastructure, CloudWatch, alerts and automated backup and DR lambda based services.
2015 - 2016 Sept	*MMI Linux Admin*	Responsible for deployments and management of workloads on Linux and the central scripting, monitoring and management of their configurations