

PERSONAL DETAILS

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Driver's License Yes
Nationality South African
Demographic Profile African Male
Geographic Profile Cape Town
Languages English, Xhosa, IsiZulu, SiSwati
Availability 1 month

ACADEMIC RECORD

SECONDARY EDUCATION
MPULUZI SECONDARY HIGH SCHOOL
Matric
2007

TERTIARY EDUCATION

Name of Degree / Diploma/ Certificate	Institution / Dates	Subjects
The Internet of Things with SAP	2020 SAP	<ul style="list-style-type: none">• Introduction to IoT• IoT in Cloud• IoT in Edge• Innovate with SAP Leonardo IoT• Industry 4.0 and the Future• SAP and Industry 4.0
SAP Data Intelligence for Enterprise AI	2020 SAP	<ul style="list-style-type: none">• Enabling the Intelligent Enterprise with Machine Learning• SAP Data Intelligence Capabilities for Data Scientist

		<ul style="list-style-type: none"> • SAP Data Intelligence Launchpad and Components • Machine Learning Scenario Manager • Data Science Experiments in Jupyter Notebook (PAL, APL, Python)
AI Programming with Python Nanodegree Program	2019 Udacity	<ul style="list-style-type: none"> • Intro to Python • Jupyter Notebooks • NumPy • Anaconda • Pandas • Matplotlib • Linear Algebra Essentials • Calculus Essentials • Neural Networks
Post Graduate Diploma in Software Development	2015 University of Western Cape	<ul style="list-style-type: none"> • Intro to OOP Java • HTML and CSS • Java, Java Programming • Java Fundamentals SE7 • Advanced Java script • Java Web • Linux • Databases • Oracle DB Introduction • Java DB Application • Advanced Java • Software Testing • SDLC, Groups, Agile • Testing Theory, Waterfall • J-unit • XML • Mobile Application Programming – Android • Mobile Cross-Platform Application Development • Java Web Services
Bachelor of Science (Physics)	2008 – 2012 University of Cape Town	<ul style="list-style-type: none"> • Python • Nuclear/Quantum Physics • Mathematics

OTHER COURSES COMPLETED

- 2014: OHSACT and Legal Liability, SGS Academy

EXPERIENCE WITH AND KNOWLEDGE OF

- Scikit learn
- Deep learning with TensorFlow
- Deep learning with Neural networks
- SAS (SAS University Edition)
- Tableau
- Machine Learning with Python

KEY SKILLS, ABILITIES AND ACHIEVEMENTS

Communication:

- Oral communication skills developed through many presentations and PS (Professional Communication) module.

Leadership and Team Work:

- enjoy being part of team and taking on leadership roles and responsibility, such as leading soccer team.

Data Gathering and Analysis:

- Studies provided solid understanding of data gathering and analysis.

Achievements

- 2014: Best speech SGS SA employee competition
- 2012: Two distinctions (Modelling Mathematics and Additional Sotho)

CAREER SUMMARY

<i>Company Name</i>	<i>Period</i>	<i>Job Title</i>
BROADREACH HEALTHCARE SA	November 2018 - Present	Business Intelligence Analyst/Data Scientist
INDEPENDENT MEDIA	August 2017 – August 2018	Business Intelligence Developer
RENTOKIL INITIAL	June 2016 – July 2017	Junior Full Stack Developer
WOOLWORTHS	January 2016 - May 2016	Analyst Programmer

NEW ERA PROGRESSIVE COLLEGE	January 2016 - June 2016	Teacher (Part-Time)
SGS IN CAPE TOWN	June 2014 - June 2015	Tele-Marketing
REVELATION DATA	June - December 2013	IT and Business Consultant

CAREER CHRONOLOGY

Period November 2018 – Present

Company BROADREACH HEALTHCARE
SA

Nature of Business Consultants and Health

Last Position Held Business Intelligence Analyst/
Data Scientist

Responsibilities:

- Use of business intelligence tools such as Power BI, SQL, R and Python
- Use of statistical techniques and data modelling
- Data mining principles, predicative analytics, mapping, collecting data from multiple sources and cloud-based data sources
- Understanding of and experience using analytical concepts such as development, designing, analyzing data, drawing conclusions and developing actionable recommendations for business
- Examine, interpret and report results of analytical initiatives to stakeholders across the Commercial and Technology teams
- Explore and organize multiple disparate datasets to ensure that the data can be effectively analyzed and insights provided to the business
- Design and build technical processes, reports and systems to address business issues
- Optimize processes for data intake, validation, mining and engineering as well as modelling, visualization and communication deliverables Anticipate future requirements and design/implement solutions to meet these needs
- Interact with the business to understand their needs & guide them throughout the requirements to delivery process
- Complete quality assurance on all solutions through the development process and ensure that they are resolved through the appropriate channels/individuals
- Support project development life cycles through data modeling, reporting and analytics
- Participate in the ongoing development of the business intelligence and data warehousing functions within the wider organization

- Assist business during user acceptance testing
- Along with the Developers support the definition of system calculations and data definition rules
- Facilitate the discovery of the underlying business need and questions that need to be answered by clients/business
- Collaborate with the wider business i.e. Client Success and Solutions teams to translate business needs and questions into user requirements

Period August 2017 – October 2018

Company INDEPENDENT MEDIA

Nature of Business journalism/news

Last Position Held Business Intelligence Developer

Responsibilities:

- Designing, writing, testing and debugging Business Intelligence/Financial system reports, programs and systems
- Assisting in designing graphical interfaces, forms and application specifications
- Coding and documenting of applications
- Correcting, revising, and improving functional programs to make operating refinements, reduce operating time and improve present techniques and procedures
- Database design and administration, querying of external database systems and ETL processes
- Program deployment and OS platform analysis
- Add users in IDU using SQL Server Reporting Services
- Build BI independent news portal using Laravel Framework/PHP/Atom IDE
- Build BI Reports using VBA, VB6, SQL Server 2005, Access Database
- Build applications using Python and MySQL database
- Installed and Support SuiteCRM Software
- Installed and Support Pentaho Community Edition Software

NOTABLE ACHIEVEMENTS:

- Installed and Support SuiteCRM Software without consultants
- Installed and Support Pentaho Community Edition Software without consultants

Reason for Leaving Looking to get into Big data using machine learning, python include reporting tools such as SSRS, QlikView

Period	June 2016 – July 2017
Company	RENTOKIL INITIAL
Nature of Business	Pest Control
Last Position Held	Junior Full Stack Developer

Responsibilities:

- Development and support of Google (incl. mobile) based business applications and tools
- Contribute to the design, planning and delivery of these solutions, including, but not exclusively, data and business requirement gathering, management of project priority lists and plans
- Transfer to the individual businesses and development of tools, with full support of the local South Africa Google Services and UK teams.
- Development, Deployment and Support of Google and other Cloud Based platforms (incl. Mobile) business applications and tools.
- Knowledge transfer to the individual businesses and development of tools, with full support and management of the local South Africa Google Services and Global teams.
- Requires the production and presentation of monthly reports on project status and developments. This role will specifically work with business and IT teams, to identify opportunities, develop specification and deliver cost effective solutions, including support documentation and training material.
- This may include carrying out 1-1 and group training sessions yourself.
- Full use of collaboration technology such as Google G Suite is expected to be the default to deliver low cost deployment.
- Advanced Web – Design, development (Full Stack) and analytics “cross-platform” design approach.
- Use of Advanced Google Apps, API’s, Google Cloud Platform; Mobile App Development Platform (MADP).
- Participate in core multi-disciplinary project team meetings
- Evaluate and resolve issues
- Work with the product team to design new features, and then implement them
- Maintain and optimize new and existing code with an emphasis on quality and re-usability
- Maintain detailed documentation of code and software procedures
- Working within an agile team to produce clean code
- Evaluate emerging technologies and make recommendations based on research in order to solve complex problems
- Develop scalable and maintainable web applications

- Creating web/mobile applications with JQuery, JQuery Mobile, HTML5, AngularJS, CSS3, Cloud SQL and JavaScript

Reason for Leaving My contract will come to end in December 2017, because the company decided to move all developments to UK head office

Period January 2016 - May 2016

Company WOOLWORTHS

Last Position Held Analyst Programmer

Responsibilities:

- Investigate and solve systems issue
- Investigate and solve systems issues
- Keep track of incidents and resolutions and ensure users are kept informed on progress
- Liaise with Business teams, project testers and IT teams to identify and resolve issues
- Produce efficient and reliable code, and undertake unit testing to the highest standard
- Evaluate and recommend alternative system solutions.
- Design and code complex interfaces from specifications.
- Develop unit test plans and perform unit, systems and integration testing
- Troubleshoot problems in all development, test, training and live environment
- Ensure systems documentation is kept up to date
- Maintain and support existing applications
- Comply with the SDLC procedures.
- Excellent team-working skills are essential.
- Excellent problem solving skills
- Able to work independently

Reason for Leaving Doing 20 % development and 80% support in the existing applications but I wanted to do 80% development and 20 % support

Period January 2016 - June 2016

Company NEW ERA PROGRESSIVE COLLEGE

Last Position Held Teacher (Part-Time)

Responsibilities:

- Teaching Mathematics, Physical Science, Life Science and Geography
- Preparing material for presentations

Reason for Leaving Contracted ended due to students writing their exams on June

Period June 2014 - June 2015

Company SGS IN CAPE TOWN

Last Position Held Tele-Marketing

Responsibilities:

- Make customer interested in what we are selling and turn that interest into sales
- Make outbound calls or accept incoming calls to describe trainings, explain the benefits of these trainings, and answer customers' questions.
- Responsible for sale from start to finish
- inbound and outbound calls and sending e-mails
- Work as part of a sales team
- Using automated dialing system, service inbound and outbound Lessee telephone calls to set up inspection appointments.

Reason for Leaving Wanted to further my studies in software development

Period June 2013 - December 2013

Company REVELATION DATA

Last Position Held IT and Business Consultant

Responsibilities:

- Building and developing IT Service Management applications and supporting the systems that are implemented to Revelation Data's clients
- Internal IT
- Develop and consult on business process to Revelation Data Clients
- Determining information system requirements and defining project objectives
- Making recommendations, such as suggesting appropriate hardware, software and systems
- Designing, installing new systems and software, and fixing any issues that arise
- Compiling and presenting information
- Writing reports and documentation
- Repairing computer problems and removing viruses
- Consulting to clients on hardware, software and/or similar

Reason for Leaving The company got liquated as results my contracted expired

Reference

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