

| **WILLEM ESTERHUYSE**  **CTO (Junior) and Senior Lead DevOps Engineer  Looking to work my previous role as Software Developer/Engineer/ Team Lead/Technical Lead Developer With some DevOps and / or MLOps,**  **which could be a bonus.** | **Stellenbosch**  **Cape Town**  **South Africa**  **074 462 5198**  **+27 74 468 5198**  [**WillemE1987@gmail.com**](mailto:WillemE1987@gmail.com) **Availability: 4 Business days** |
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**OBJECTIVE**

My goal is to strategically

leverage advanced technologies,

programming expertise, and

business acumen to drive

innovation, enhance operational

efficiency, and achieve long-term

business growth. I am dedicated

to guiding companies in adopting

cutting-edge technologies,

creating robust software solutions,

and optimizing IT infrastructure to

overcome challenges, maximize

productivity, and stay ahead in

dynamic and competitive

markets. With a focus on aligning

technology initiatives with

organizational goals, I aim to

strengthen cross-functional

collaboration, inspire technical

teams, and deliver transformative

digital strategies that empower the

company to thrive.

**Work History**

**(Skills Matrix includes most of the technology stacks worked with)**

# **EXPERIENCE**

## **Meta Health and Meta Clinic ,** Cape Town - *CTO*

### OCTOBER 2023 - PRESENT

**Technologies used/duties:**

**Alignment with Healthcare Mission and Objectives**

* Develop a technology strategy that aligns with the organization's healthcare mission and objectives, ensuring compliance with regulations set by the South African Health Products Regulatory Authority (SAHPRA) and other relevant bodies.

**Leveraging Technology for Improvemen**t

* Identify opportunities to leverage technology for improving patient care, medical research, and operational efficiency within the context of the South African healthcare system.

**Software Development and Compliance**

* Oversee the design, development, and deployment of medical software applications, electronic health records, telehealth solutions, and medical imaging systems, ensuring compliance with SAHPRA guidelines and applicable standards.

**Addressing Healthcare Challenges**

* Implement solutions that accommodate South Africa's unique healthcare challenges, such as addressing healthcare disparities and remote access to medical care in underserved areas.

**Cybersecurity and Data Protection**

* Implement stringent cybersecurity measures in accordance with South African data protection laws and regulations, including the Protection of Personal Information Act (POPIA).

**Medical Device Integration and Health Informatics**

* Manage the integration of medical devices, wearables, and IoT devices with healthcare IT systems.
* Lead initiatives that leverage health informatics and data analytics to support clinical decision-making and public health initiatives relevant to South Africa.

**Telemedicine and Remote Patient Care**

* Develop telemedicine strategies that cater to South Africa's diverse healthcare needs, including remote patient consultations and diagnostics.
* Implement secure communication tools and platforms tailored to the unique challenges of virtual healthcare services in South Africa.

**Regulatory Compliance and Clinical Workflow Optimization**

* Stay informed about local healthcare regulations and ensure technology solutions comply with relevant South African standards.
* Collaborate with local healthcare professionals to design technology solutions that streamline clinical workflows and enhance patient care.

**Medical Research and Innovation**

* Foster innovation in medical research by exploring emerging technologies tailored to the South African context, such as AI, genomics, and personalized medicine.

**Vendor and Partner Management, Disaster Recovery, and Ethical Considerations**

* Collaborate with local healthcare technology vendors and partners to implement solutions meeting the unique needs of the South African healthcare landscape.
* Develop disaster recovery plans and backup strategies considering the specific challenges of the South African healthcare system and its potential emergencies.
* Address ethical and cultural considerations in healthcare technology, such as patient consent and the ethical use of AI and data analytics.

**Leadership and Collaboration**

* Lead cross-functional teams to drive technology-related healthcare goals and ensure that technology initiatives align with the overall healthcare strategy of the organization and the country.

## **Shoprite Holding Group ,** Cape Town - *Lead Analyst Programmer and Lead DevOps Engineer*

### DECEMBER 2020 - OCTOBER 2023

**Technologies used/duties:**

* **FullStack development, NodeJS, React Native, Typescript, ReactJS, RxJava, Homebrew, Ruby, Java, JavaScript, Objective C, C#, Web API, .Net Core and OAuth, Swift, Kotlin, WCF, Database management and Design, Swagger,.Azure DevOps project/product/model automation.**
* **Native and Cross platform Development ( Swift, Objective C, Java, Kotlin))**
* **Strategy planning and liaise with all stakeholders involved.**
* **Architect latest technical and software solutions**
* **Hosting and leading stand ups every morning.**
* **Introduce a better ecosystem and operations in order to have an efficient and sustainable environment flow within the department.**
* **Assisting new and other team members, to help grow them in current and new tech stacks.**
* **Create solutions in an automated fashion using Azure Devops for efficient delivery and minimal human interaction.**

## **Digitas ( 1 Year contract - Sanlam) ,** Cape Town -Technical lead (Mobile, Backend and Web)

### DECEMBER 2019 - DECEMBER 2020

**Technologies used/duties:**

* **-Develop native, cross platform and web applications (Using java, JavaScript, Objective C,C#, Web Api, .Net Core , .Net, OAuth, Swift, Kotlin, React Native, React.js)**
* **Architect software solutions**
* **Enforcing constant communication with management and our technology team.**

## **Flash Mobile Vending, PepKor ,** Cape Town -Technical lead (Mobile, Backend and Web)

### DECEMBER 2017 - DECEMBER 2019

**Technologies used/duties:**

**This company works on portable payment solutions where an individual can**

**buy a flash product/machine and become an agent where he will then be**

**able to let a customer buy airtime, buy lotto, transfer money to other**

**countries and other products. I was involved in all of these features.**

**My duties are managing an existing hybrid project that’s natively rebuilt from**

**scratch in both iOS and Android using Xamarin. I also help the team with**

**existing products which are both Native and cross platform applications as**

**as well as Web development. Other duties are managing timelines, gathering**

**information to implement in the new product. We hold regular meetings**

**where we have discussions about the application architecture and**

**functionality, also analyzing the application of business rules. All our**

**products are internal. Leading and building a team of mobile developers.**

**Assisting with client requirements and also discussing new/better features when planning.**

## **Netauto, now called SalesPal ,** Cape Town -Senior Developer, Mobile Backend and Web

### MARCH 2013 - DECEMBER 2017

**Technologies used/duties:**

**I worked directly together with the company director in the automotive**

**industry, coming up with ideas to get remove paperwork of the clients and**

**make it all digital and mobile. I created 4 in-house mobile applications on**

**both iOS and Android platforms which directly integrates with the existing**

**CMS system, with each Mobile application came a backend and database system where I was asked to take ownership of.**

**The automotive industry varies from car rental, car dealerships, tracking of**

**a vehicle from where they were purchased to where they are deployed. We**

**Enjoyed collaborating together, making ideas and celebrating that achievement.**

**Some of my other duties was to also create the backend WCF web and other API services**

**in C# where the company mainly made use of Entity framework, also code first approach. I also helped on other web-based projects where I was exposed to the way they were using MVC VIPER at that stage.**

**Reason for leaving:**

**I got headhunted and was knowledge hungry, and got introduced to grow within a great known company where I got**

**offered a position that would mold me into knowing the latest trends and**

**technologies.**

## **LawData, now E4 Strategic ,** Cape Town -Mobile and Backend Developer

### JANUARY 2011 - MARCH 2013

**Technologies used/duties:**

**I first started here doing C# backend web services and then went onto**

**C# .NET web development. We had regular SCRUM meetings/standups,**

**product grooming and planning. This is also where I started showing a great interest**

**in the mobile space I got introduced to. I told my**

**manager about it and he gave me a MacBook and iPhone and iPad. That’s**

**where I started my Mobile development path. I gained a great passion for it**

**and I absolutely love working with the technology.**

**Reason for leaving: Personal growth.**

**Skills Matrix and Certificates**

| **Industry Skills and Experience**  **1 = poor, 10 =Expert/Senior** |
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| **Languages and Scripting/ Architecture** | **Plugins,Tools/ Development Platforms/ Data stores** | **Project Management Tools/ Management** | **Cloud and Automation** | **Testing** |
| --- | --- | --- | --- | --- |
| Kafka (7) | SpringBoot (8) | Team Management (8) | Azure DevOps (8) | Sentiment analysis (8) |
| NodeJS (8) | Xamarin (8) | Technical Leadership (9) | Azure DevOps Automation (8) | Crashlytics (8) |
| NPM & YARN (8) | Xamarin Maui (8) | Git, SVN, BitBicket, Gitbucket, Azure (8) | Azure MLOps (6) | Jenkins (8) |
| Ruby (6) | SwiftUI (8) | Jira (9) | Firebase (8) | Fastlane Mobile Automation(7) |
| React Native (8) | RabbitMQ (7) | Scrum,Kanban (9) | SaaS (8) | SonarCube (8) |
| React.js (8) | SwiftUI (7) | Problem Analysis (9) | Jenkins | NUnit (8) |
| Docker (8) | ReSharper (8) | NoSQL (7) | Azure DevOps (Pipelines) (9) | JUnit (8) |
| Java (8) | Xcode (9) | Wrike (9) | Bamboo CI (7) | Automated Unit and functional testing integration (7) |
| Python (8) | Android Studio (9) | Trello (9) | GitLab CI (8) | Machinet AI Unit Test (6) |
| Java EE (8) | AppGallery | Asana (9) | GitHub Actions (8) |  |
| Flutter+Dart (7) | IIS (8) | Azure Boards (9) | Gradle (8) |  |
| Kotlin (8) | Eclipse (9) | Kissflow (8) | AppCenter Test Automation (8) |  |
| Objective C (8) | VisualStudio (9) | Workzone (8) | Hybrid Cloud (8) |  |
| Swift (8) | VSCode (9) | Hive (8) | Paas (8) Platform as a service cloud |  |
| C#.NET (8) | SQL Server (9) | PowerBI (8) | Cloud API automated injection (8) |  |
| .Net & .NetCore (8) | SQLite (9) |  |  |  |
| C (8) | MySQL (8) |  |  |  |
| WebApi (8) | Azure Datastore (7) |  |  |  |
| OAuth (7-8) | Azure repos (9) |  |  |  |
| XML (9) | GitHub (9) |  |  |  |
| MVC (8) | GitHLab (9) |  |  |  |
| JSON (9) | Monorepos (8) |  |  |  |
| MVVM (8) | None Mono (8) |  |  |  |
| MVP (8) | GraphQL (8) |  |  |  |
| VIPER (8) | Storybook (8) |  |  |  |
| API Integration (9) | Fabric (8) |  |  |  |
| REST (9) | Material Design/  Components (9) |  |  |  |
| SOAP (9) | Google Adsense (7) |  |  |  |
| WCF Services (8) | CMS systems (8) |  |  |  |
| Microservices (7) | AWS Lambda (8) |  |  |  |
| HTML (7) | IntelliJ IDEA (9) |  |  |  |
| CSS (7) |  |  |  |  |
| JavaScript (8) |  |  |  |  |
| jQuery + Ajax (8) |  |  |  |  |
| Knockout.js (6) |  |  |  |  |
| Database Management/Design (8) |  |  |  |  |
| Angular.js (4-5) |  |  |  |  |
| Ionic (7) |  |  |  |  |
| Bash Scripting (7) |  |  |  |  |
| Multi module Architecture (8) |  |  |  |  |
| TDD (7) |  |  |  |  |
| DDD (7) |  |  |  |  |
| SaaS (7) |  |  |  |  |
| Natural language processing (7) |  |  |  |  |
| Machine learning Data Visualization (7) |  |  |  |  |
| Cocoa Pods (9) |  |  |  |  |
| OOP (9) |  |  |  |  |
| SOLID (9) |  |  |  |  |
| Machine Learning (7) |  |  |  |  |
| DeepLearning (7) |  |  |  |  |
| Augmented reality(6) |  |  |  |  |
| Artificial Intelligence (7) |  |  |  |  |
| API integration (8) |  |  |  |  |

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| **Certification/Degree/Diploma** | **Institute** | **Subjects** |
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| Durbanville High Matriculated | Durbanville High School 2006 | Mathematics, Science, English, Afrikaans, Woodwork, Computer  Science. |
| EDUVOS (PRIVATE INSTITUTE OF HIGHER EDUCATION) | Qualification:BSc IS-Engineering – International Qualification  2011 - 2014 | * **SOFTWARE ENGINEERING** Theory and Practical * **COMPIA (A+) Hardware**  Theory and Practical * **HARDWARE ESSENTIALS** Theory and Practical * **PROCESSING AND LOGIC SYSTEMS**  Theory and Practical * **PROGRAM/SOFTWARE DESIGN**  Theory and Practical * **DATABASE MANAGEMENT** Theory and Practical * **MS SQL SERVER** Theory and Practical * **C# ADVANCED PROGRAMMING** Theory and Practical * **C# and .NET** Theory and practical * **NETWORK+** Theory and Practical * **LINUX** Theory * **LINUX ADMINISTRATION** Theory * **CONVERGENCE**+ Theory and practical * **SECURITY+** Theory and Practical * **PERSONAL SKILLS DEVELOPMENT** Theory and Practical * **BEHAVIOR PSYCHOLOGY** Theory and Practical * **PERSONAL SKILLS DEVELOPMENT** Theory and Practical * **MOBILE AND CLOUD COMPUTING** Theory and Practical * **INFORMATION SYSTEMS ENGINEERING AS A WHOLE.** Theory and Practical |
| BSc Electrical Electronic Engineering   * Electronic Communication stream | UNISA: Finished mid 2014 and 1015 |  |
| N4 and N5 Electrotechnics | NORTHERN FET 2008 -2010 | N4 - Electrotechnics N5 - Electrotechnics |

# **UPSKILLING Certificates**

| **Institute Certificate Earned** |
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| End to End  Automation(DevOps) |
| IBM: IoT apps with Watson, Swift  and Node-RED (Attained 80%). |
| IBM: Blockchain Essentials  (Attained 80%). |
| Microsoft: IT Expert Roundtable:  Using Native Bayes and  Machine Learning (Attained  100%). |
| Microsoft: Building Intelligent  Cross-Platform Applications  and Azure Search (Attained  100%) |
| Microsoft: Getting Started with  Azure App Service (Attained  100%). |
| Project Management. |
| AspNetCore Certification. |
| Enterprise Mobility at Microsoft:  (IT Expert Roundtable 2017). |
| IT Expert Roundtable: Using  Native Bytes and Machine  Learning Server to Improve  data quality. |
| Building Intelligent CrossPlatform Mobile Applications  using Xamarin and Azure  Search. |
| iOS refresher (Attained 92%). |
| Behavioral Psychology and  Sentimental sales. |
| Python 3 |
| Mobile and Cloud Computing. |
| Flutter Development |
| Test of Hypotheses, Simplified  Engineering approach. |
| React Native. React and Redux Masterclass |
| Robotics Computer  Programming. |
| Deep Learning, Machine  Learning, Artificial intelligence. |
| Full Stack Web Development. |
| AngularJS |
| Project Management |
| RxJava |