

# Remigius Tigere Chapanduka, African Male, 37 years

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## Objective

I have a passion for information technology and providing customers with affordable, effective and timely solutions. Learning will always be at the core of my career growth am currently seeking opportunities that will provide a platform to further develop my career specialising in Software Architecture and Application Development whilst contributing from my professional experiences.

## Profile

Results driven, with strong leadership and software development capabilities accompanied by over 10 years telecommunications industry experience involved in project management using agile development approaches and processes in managing software projects. My research interests involve the use of mobile agents in providing software solutions, Object Oriented approaches. I strive in keeping ahead of customer expectations and delivering solution within deadlines whilst seeking better ways of developing software and improving quality of software through testing and applying new frameworks, methodologies, practices and reviewing existing standards with the aim of simplifying the process of developing software to ensure that we promote a learning culture for improving current practices.

## Areas of speciality

Software architecture	· Application development	· Project Management
Computer Structures	· Security Engineering	· Software Engineering

## Programming Languages

C# ,Java, iOS (Swift), Java-Script, Angular, jQuery, HTML, VB and Delphi using Oracle 10g · Oracle 11g · MySQL · MS SQL databases.

## Education

- **2016 | Laureate Online University of Liverpool, United Kingdom**  
Master of Science (Information Technology) with Distinction
- **2005| University of KwaZulu-Natal, Pietermaritzburg, RSA**  
Honours: Bachelor of Social Science (Information Systems)
- **2004 | University of KwaZulu-Natal, Pietermaritzburg, RSA**  
Bachelor of Science degree (Computer Science and Business Information Systems)
- **1999| University of Cambridge**  
ADVANCED LEVEL CERTIFICATE (A-level) (BIOLOGY, CHEMISTRY, MATHEMATICS)
- **1997 |KUTAMA COLLEGE, ZIMBABWE**  
Ordinary Level (O-level)  
(Mathematics, Physical Science, Biology, Geography, English, History, Integrated Science)

## Detailed Work Experience:

### 1. February 2017 - date (1 year, 2 months) | IT Developer | Don't Waste Services (Waste Management and Minimisation Company)

#### Tools/Technologies

VB.Net, C#.Net, JavaScript, HTML, CSS  
REST Web services API  
Microsoft SQL Server  
QuickBooks  
Microsoft SQL Reporting services

#### Team Deliverables:

Project sponsors, Users, Testers, Requirements stakeholders.

### 2. October 2007 – December 2017 (10 years, 3 months) | Software Developer Consultant | Cybicom Technologies (Software Development Company)

#### Main Projects:-

- **Vodacom Network Group - Operations Support Systems : Vodacom External Supplier Portal**

#### Tools/Technologies:

Java · Netbeans · Oracle Fusion middleware · Web Logic Server · Jdeveloper · Hibernate · Java Wicket · Oracle 11g · Tortoise SVN · Microsoft Lync.

#### Team Deliverables:

Online virtual environment. The team depends on online media tools to communicate. The development process is managed online with Software Engineers, Business Analysts, Support Engineers located in different regions. Online tools such as Lync and Skype used for project meetings and all required team interaction and collaboration with other teams and Management.

- **Vodacom Network Management Group - Operations Support Systems Transmission service order management system.**

#### Tools/Technologies:

Microsoft Visual Studio, Net beans development studio, Java, Oracle 10g Database, Oracle 11g Database, PLSQL, JavaScript, ASP.Net 3.5, Dot Net Framework 3.5, C#, Delphi 2006, Apache Wickets, Tortoise SVN, Win CVS. Apache Web Server, IIS Web Server, Oracle Web Logic Application Server, Web Services, Gizmox WebGUI

#### Team deliverables:

The team consists of Software Engineers, Business analysts, and Support engineers, Project Manager, and Project Team Leader. Currently all Vodacom projects depend on online media tools for communication. We have online meetings with all project stakeholders.

- **Oracle Order and Service Management (OSM) - Enterprise application workflow management and development solution.**

**Tools/Technologies:**

Oracle OSM development studio, Java, Net beans development studio, Oracle Web Logic Server, Oracle Database 10g, PL SQL, XML,XSLT, JMS and Subversion.

**Team Deliverables :**

The team consisted of Software Architects, Oracle OSM consultants, Siebel Consultants, Business Analysts, Project Managers, Software Engineers and Software testers.

- **Vodacom External Supplier iOS Application**

**Tools/Technologies**

SWIFT  
REST Web service API

**Team Deliverables:**

A mobile application for Transmission specialists to manage and plan access link Provisioning process.

- **CybiWealth: Wealth Management Solution**

**Tools/Technologies:**

C#, PHP, MSSQL 2014, VMWare, HTML, JavaScript, CSS, Web Services

**Team deliverables:**

The team consists of Business Analysts, Financial analysts, Software Developers, UI Designers, and Product sponsors.

*Reason for Leaving: Seeking growth and exposure to other technologies, development practices and experience towards being a Software Architect.*

### 3. August 2006 – October 2007 (1 year, 2 months) | Analyst Software Developer | Chillisoft Solutions (Software Development Company)

**Main Projects**

- **KwaZulu-Natal (KZN) Department of Health Document Management and Tracking System:** Document management and tracking system for the provincial Head Office.

**Tools/Technologies:**

Microsoft Visual Studio, MySQL and Oracle database, Active reports.

**Team**

The team consisted of one Business analyst and one Software Developer.

- **KZN Department of Health Chronic Medicine Dispensing Label Printing Module**  
Label printing module for the Chronic Medicine Dispensing System.

**Tools/Technologies:**

Microsoft Visual Studio, MySQL Database, Access Database, Active Reports, Serial bulk Label printers.

**Team:**

The team consisted of one Business analyst, One Junior Software developer, One Software Architect and a Software tester.

- **Croxton Stock Control System**

Desktop application for managing bulk chemical stock levels and customer billing for Excise duty on imported chemicals.

**Tools/Technologies:**

Microsoft Visual Studio, Active Reports, Microsoft SQL Database Server 2005.

**Team:**

The team consisted of one Business analyst, one Junior Software Developer and a Software tester.

- **Talbot and Talbot Laboratory System:**

Desktop Client Application for managing test samples and determining lab chemical tests results.

**Tools/Technologies:**

Microsoft Visual Studio, Active Reports, Microsoft SQL Database server 2005.

**Team:**

The team consisted of one Business analyst, one Junior Software Developer, one Software Architect and a Software tester.

#### **4. January – July 2006 | Information Technology Lecturer | ICESA COLLEGE**

**Tools:**

Lectured Programming, Software Engineering, Business Information systems management, Business communication skills, and Business Information Systems (Analysis and Design).

#### **5. 2005 | University of KwaZulu-Natal | Information Systems Programming Tutor.**

Tools : Notepad and Web Browser, JavaScript, and VB Script.

## Detailed Skills and other competencies

### Object oriented analysis and design using UML

- Requirements modelling
- Use case analysis
- Problem Domain Analysis
- System Analysis
- System Architecture Design
- Design Patterns and Persistence
- Implementation.
- Software processes and Re-Use.

### Object oriented programming with Java

- Installing the Java environment
- Classes and objects
- Class design
- Library classes
- Object Interaction
- Inheritance
- Polymorphism
- Application Design
- Multithreading

### Programming the Internet

- ASP.net
- PHP
- Wicket
- HTML5
- JavaScript
- XML
- Event Driven programming and DOM scripting
- CSS
- Web protocols
- MySQL, MSSQL and Oracle Databases
- Ajax
- JQuery
- Google Maps
- Mobile Web Programming

### Computer Communications and networks

- HTTP/S
  - FTP
  - EMAIL
  - DNS
  - Congestion control
  - Multiplexing
  - UDP and TCP
  - Reliable Data Transfer
  - Routing Principles
  - Error Detection and Correction
  - Principles of cryptography
  - Authentication
  - Wireless, mobile and multimedia networking
  - Network Security
  - Network management
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- Computer architecture, data storage and manipulation

### Computer Structures

- Relational databases
- Data mining and warehousing
- File structure and accessing data in files
- Algorithms
- Operating systems and Networks

### Software Engineering

- Software architecture Design
- Software Design patterns
- Software Development Processes
- Requirements Engineering
- System Modelling

## Security Engineering

- Security models and protocols
- Access control and distributed systems
- Public key cryptography
- Security policy models
- Nuclear command and control
- Monitoring systems
- Biometrics, physical security and emission security
- Intrusion detection, IETF Protocols, PGP, Digital signatures, Firewalls, Anti-virus, Anti-spyware
- Secure network Domain design
- Network and internetworking security, digital content protection
- System Evaluation and assurance

## Professional Issues in computing

- Freedom of speech, censorship and privacy
- Professional responsibility and ethics
- Contracts, Liabilities and Business value of IT
- Risk management
- Legislation, IP rights and computer misuse
- Social, Legal, Financial and ethical issues in IT industry
- Management skills development, utilisation and operation

## Professional membership and Societies

KwaZulu-Natal Chapter committee member | Institute for Information Technology Professionals South Africa

## Hobbies

Long distance running, Hiking and Fitness

*References, certificates and copy of payslip available on request*