

# Colbin Du Plessis

Place of current Residence – Masan/Changwon E2-Visa Currently

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## Professional Profile

*An innovative and results driven C#/Java developer/Automation Scripter with a passion for learning and coding great software and improving on his set of current languages. A self-driven individual with a calm collected approach to solving everyday development challenges and striving for a complete understanding of the implemented product. Team player with high sense of responsibility and energy for delivering input on team projects.*

## Objective

Looking to improve on my current set of coding languages and solving evermore complex development challenges, to solidify my knowledge and understanding in all development roles, including backend, middleware and frontend in a company that promotes learning, team dynamics and great work ethics.

## Career Summary

**2019 Jan – 31 Oct    Junior Developer**  
**CulminIT – Tyger Valley - Durbanville**

- Provided the creation and implementation of Repositories and self-written libraries which handled the managing of queries to our database.
- Completed the implementation of Microsoft's in-built Queueing Systems and maintaining its functionality.
- Created and built a working and secure Windows Service which could be manually started, restarted or stopped while maintaining its functionality.
- Implemented a system's ability to communicate from a Web UI to data layers which attains data from a database using REST API's.
- Implemented inter-software communication integration which enables a product's data to be used within another product by its database.
- Provided debugging of implemented and released products, and resolved the associated bugs.
- Provided the creation and implementation of a tree view, involving the coding of the tree view, creating and providing functionality to various context menu's which are assigned to a tree view.
- The creation of generic Repositories and implementation of its logic in appropriated layers.
- Updating of an upgrade script to a database which maintains the version of the current database and adds newly added information to a specified database and updates the server databases to the newly current version.
- During the year I developed a system which is like SSMS (SQL Server Management Studio).
- As well as worked on a SaaS System, but instead produced a VaaS System (Visio as a Service).
- We also had the responsibility of doing a ASP.net Core course as well and had to work with SQL Server very closely.
- I also created a SQL parser which handles the execution and parsing of SQL statements with addition to using parameters control which handles the management of SQL Parameters.

**2019 Nov – 2021 Oct Automation Programmer  
Old Mutual Finance – Base Camp – Pinelands**

- Responsible for creating GUI and API Automation tests for the existing production using Selenium, TestNG and Java.
- Restructure existing framework and enhance current functionality to better the performance of the executed tests (i.e. Adding interfaces and extracting common classes into a library.)
- Creating various Micro Services with handle the execution of the Automation Tests.
- Assist with the development of the AGILE Methodology (SCRUM especially).
- Responsible for running setting up and running Test Scripts during production releases.
- Working off a product Test plan which the Business Analyst determined and then I would create the test suit and develop all the test cases within it, publish the libraries to MAVEN/NEXUS and run the tests off Jenkins.
- I am also responsible for the specific product I am working on, to extract a lot of duplicate code into various micro-services which can then be imported to files that need them.
- I also provide a means of provide test data for the developers and do integrated testing when a feature is added to a different environment.
- Help newly appointed automated testers understand the framework and assist in improving the current framework.
- Interact with the various databases in the various environment to extract and collect data or create data using existing data so we can do end to end API/GUI testing.
- Responsible for helping upskill people with selenium and java with other team members
- I am the core Automation (Selenium using java) developer in a new team since Covid-19 broke loose whereby I had to automate various business processes for the specific team and then managing the post implementation testing after a production deploy.
- I am busy managing and maintaining pipeline integrations on Jenkins and working a lot of GIT repositories and being upskilled in the performance testing environment using Jmeter.
- Furthermore, I had to participate in various meetings with team leaders and managers to get the specifications and set a plan to how we would go on automating the process and create many API automation frameworks.

**2021 Nov – Present Self Employed/Freelancing  
JUNGCHUL HAGWON – CHANGWON, GYEONGSANGNAM-DO, SOUTH KOREA**

- Since I left South Africa, I decided that I should keep up my Computer Science Skills and continue to live out my passion for programming.
- I do not earn any amount of money for programming right now but I continue to upskill myself and try to develop new ideas and make projects for myself where I can upskill in different technologies and programming languages.
- Since I have been in South Korea, I have been working on Unity projects and upskilling myself in React-Native.
- In addition, I have been doing Freelancing work where I was given tasks to do and I would do them and send it back to the user.
- I have created a sample UI, API and mobile Automation platform while doing integration with CI/CD tools like Jenkins and CircleCI so that we can provide a service to extra companies.
- I have developed a few React projects to greater my own skills making websites using firebase as a cloud service and AWS amplify. Recently, I have also been exposed to Next.js for React development and then use the React-Native/Expo framework for cross-platform mobile development.

**2021 Nov – Present English TEFL Teacher**  
**JUNGCHUL HAGWON – CHANGWON, GYEONGSANGNAM-DO, SOUTH KOREA**  
**IVY CAMPUS**

- Here my duties are very straight forward. I responsibly for the development of students English in Jungchul in my private school. I work alongside 1 other foreign teacher where we share classes as well as have some classes that I am solely responsible for.
- At this HAGWON I am responsible for the Phonics, Speaking and Reading abilities that the children gain.
- In addition, after we are finish with an entire module, my responsibility then changes to writing a report for each student that attends that specific module.
- Furthermore, at certain times I am also asked by my fellow Korean teachers whether I would advise reading books or levels that children should do, where I then deliver my input as per what my insight is based on the children's levels.
- As per my final update, I am also responsible for the preparation of these students for their exams 3-4 times a year.

### **I.T. and Technical Expertise**

<b>Repository</b>	GitHub, VSTS (Visual Studio Team Foundation Services), Azure Dev Ops, GIT
<b>CI/CD</b>	Jenkins, CircleCI
<b>Database</b>	SQL Server, Oracle, MySQL, MS Access, Mongo DB, SQL Workbench, DataGrip
<b>Operating systems</b>	Windows 10, Linux
<b>Main Language</b>	C# Programming (ASP.Net), JAVA
<b>Secondary Languages</b>	Angular, HTML, CSS, JavaScript, TypeScript, PHP, Node.JS, MVC, Selenium, TestNG, React
<b>Microsoft Tools</b>	MSMQ, Telerik Components
<b>API</b>	REST, SOAP
<b>Working Methodologies</b>	AGILE, SCRUM, CUNBUN
<b>Music</b>	Certificate in Music Theory and practical
<b>Devops</b>	Jenkins, Docker, Kubernetes
<b>Game Development</b>	Unity 3D, Unreal Engine, Unity 2D

### **Professional Development**

<b>B.Sc. IT</b>	Bachelor of Science in Information Technology with Distinction (Golden Key Student)
<b>Final Year Project</b>	Creation of an Augmented Reality Search and find game through Unity. The game created was Marker Based, thus QR codes were used to display objects of the created game. QR coordinates were in

the Mongo DB database, which then communicated with the website created, to display the marker points on Google Maps.

#### C# Developer

#### Java Automation Developer

Discussed in my Resume, please see above.

### Certifications

<b>REST API</b>	Certificate of Completion of UDEMY Course in REST API's in Asp.Net and C#
<b>MVC5</b>	Certificate of Completion of UDEMY Course in Asp.Net MVC 5
<b>Windows Service Programming</b>	Certificate of Completion of UDEMY course in Windows Service Programming in C#
<b>OOP</b>	Certificate of Completion of UDEMY course in Intermediate: Classes, Interfaces and OOP programming.
<b>Video Editing with Filmora</b>	Certificate of Completion of UDEMY Course in Video Editing with Wondershare Filmora.
<b>Web Automation</b>	Certificate of Completion of UDEMY Course in Web Automation Testing Using Selenium.
<b>JavaScript/Web Development</b>	Certificate of Completion of UDEMY Course in JavaScript and Web Development Bootcamp
<b>Angular/Ionic</b>	Certificate of Completion of UDEMY Course in Angular Development and Ionic 5
<b>PHP</b>	Certificate of Completion of UDEMY Course in PHP Development.
<b>TEFL/TESOL</b>	World TESOL Academy 120 Hour Accredited TEFL/TESOL Certificate

### Personal Details

<b>Languages:</b>	English, Afrikaans
<b>Interests:</b>	Gym, Tennis, Badminton, Cricket, Rugby, Cinema, Gaming, Squash, Playing Piano
<b>Citizenship</b>	South African
<b>Born</b>	Windhoek, Namibia
<b>High School</b>	Oranjemund Private School (Namibia)
<b>Tertiary Education</b>	North West University (Potchefstroom)