**PORTFOLIO OF EVIDENCE**

**CMPG 323 – IT DEVELOPMENTS**

**18 NOVEMBER 2022**

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| **Student Number** | **31607500** |
| **Student** | **FOURIE, LOFTIE** |



1. **Background**

The Portfolio of evidence (POE) is a document with a collection of evidence you submit as your exam. The PoE should provide evidence of all the activities and projects you completed during the term. Your evidence should prove that you completed a training or project successfully.

Your POE is your exam. You need to have 40% as a participation mark to be able to submit the PoE. Your POE and participation mark each contributes 50% to your final mark.

1. **Declaration**

I, Loftie Fourie

Student number : 31607500 declare that I am the author of this Portfolio of Evidence for CMPG323. I further declare that the entire Portfolio of Evidence is my work.

I declare that I have not plagiarised or falsified information.

By signing this declaration, I acknowledge that I am aware of the policy on plagiarism and understand that the university will take action if there is evidence of plagiarism or falsification within this document.

Date: 2022/11/18

Signature: Loftie Fourie (provide an electronic signature or type your name and surname again)

1. **Evidence**

Follow the instructions carefully to ensure that you submit all the required evidence.

Instructions:

* All evidence must be submitted under the correct heading.
* Where the table row is grey, you are not required to submit evidence as it is sourced elsewhere.
* Space your content neatly to ensure a professional presentation of your evidence. You may resize the rows or add more rows.
* Ensure that you provide sufficient evidence to support your claims.

**PROFESSIONAL MEMBERSHIPS**

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| 1. **Professional LinkedIn profile** *(Provide link below)* |
| www.linkedin.com/in/loftie-fourie-14b117241 |

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| 1. **Professional GitHub profile** *(Provide link below)* |
| https://github.com/LoftieFourie |

**COMMUNITY PARTICIPATION**

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| 1. **Member of the UiPath Community Forum** *(Provide evidence (information, dates, screenshots of attendance and participation etc.))* |
| Proof of my membership to the UiPath community forum: |

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| 1. **Member of Microsoft Community Forum(s)** *(Provide evidence (information, dates, screenshots of attendance and participation etc.))* |
| Proof of my membership to the Microsoft community forum:  Text  Description automatically generated with medium confidence |

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| 1. **Any other developer/IT Community Forum(s)** *(Provide evidence (information, dates, screenshots of attendance and participation etc.))* |
| Proof of my hashnode account:    Proof of my stackoverflow account:  Graphical user interface, text, application, email  Description automatically generated  Engagement in stackoverflow:  Graphical user interface, application  Description automatically generated  Microsoft learn account with proof of badges and trophies:    Github I follow for receiving infared signals as well as sending them:    Github I follow for developing a Kanban board in HTML and Javascript: |

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| 1. **Proof of attending at least one community meetup** *(Provide evidence (information, dates, screenshots of attendance and participation etc.))* |
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**TRAINING**

Evidence must be submitted as badges or certificates by using the [form](https://forms.office.com/pages/responsepage.aspx?id=54YcMzLQb0O8U_JVLQMQErsgutAyPj5KjwhzpQ0iYEpUN0pEMklVQ0I5WTZHSjJHTVhNOVFSMkc4SyQlQCN0PWcu) provided.

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| Achievement | Provider | Type | Category |
| Introduction to version control with Git | Microsoft | Badge | Source Control |
| Microsoft Azure Fundamentals: Describe cloud concepts | Microsoft | Badge | Web API |
| Azure Fundamentals: Describe Azure architecture and services | Microsoft | Badge | Web API |
| Azure Fundamentals: Describe Azure management and governance | Microsoft | Badge | Web API |
| Create a web API with ASP.NET Core controllers | Microsoft | Badge | Web API |
| Build web apps with ASP.NET Core for beginners | Microsoft | Badge | Web API |
| Secure a .NET web app with the ASP.NET Core Identity framework | Microsoft | Badge | Web API |
| Visualize data in Power BI | Microsoft | Badge | Power BI |
| Implement advanced data visualization techniques by using Power BI | Microsoft | Badge | Power BI |
| Create and use analytics reports with Power BI | Microsoft | Badge | Power BI |

**LEARNINGS**

Here’s a record of what you’ve told us you’ve learnt. This is an opportunity to reflect on it and amend where you feel is necessary

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| --- | --- |
| Achievement | Learning |
| Introduction to version control with Git | version controlling using git, allowing to further refine my skills. |
| Microsoft Azure Fundamentals: Describe cloud concepts | learned about cloud concepts |
| Azure Fundamentals: Describe Azure architecture and services | More in-depth knowledge about azure as well as its uses. |
| Azure Fundamentals: Describe Azure management and governance | Management and governance in Azure |
| Create a web API with ASP.NET Core controllers | a lot of information about API as well as how to create an API using ASP.NET |
| Build web apps with ASP.NET Core for beginners | building web apps using ASP.NET |
| Secure a .NET web app with the ASP.NET Core Identity framework | Securing a .NET web Application using the Identity framework of ASP.NET Core |
| Visualize data in Power BI | more information on visualizing data in Power Bi |
| Implement advanced data visualization techniques by using Power BI | more advanced implementation of Power Bi |
| Create and use analytics reports with Power BI | information on creating and using reports in Power Bi |

**PROJECTS**

For each project, submit the GitHub repo url. In addition, provide all links to the project if you have updated the project to a new version.

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| **Project** | **GitHub repo url** |
| ***Project 1*** | *https://github.com/LoftieFourie/CMPG-323-Overview---31607500.git* |
| ***Project 2*** | *https://github.com/LoftieFourie/CMPG323-Project-2---31607500.git* |
| ***Project 3*** | *https://github.com/LoftieFourie/CMPG-323-Project-3---31607500.git* |
| ***Project 4*** | *https://github.com/LoftieFourie/CMPG-323-Project-4---31607500.git* |
| ***Project 5*** | *https://github.com/LoftieFourie/CMPG-323-Project-5---31607500-.git* |

**REFLECTIVE STATEMENT**

Write a reflective statement to show that you can honestly appraise your performance and review the impact the whole experience has had on you.

Take the best and worst examples from the Portfolio and share (for each):

1. What it is.
2. What went well.
3. What challenged you, and how did you meet the challenge?
4. What would you do differently next time (what lessons were learned)?
5. What have you discovered about yourself as a learner?
6. What are your plans now for continued learning?
7. Include anything else you think is relevant to demonstrate your progress and motivation.

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| 1. **Best example from Portfolio** *(list and describe each of the above points)* |
| 1. *Badges and courses I have completed.* 2. *I have done more courses and become more involved in the community* 3. *Making time for everything was hard but putting up a schedule and planning in advanced helped me complete everything on time.* 4. *Asking help from the community instead of searching for answers for hours before finally finding it.* 5. *I am much more motivated in projects I myself enjoy, I spend more time on them and I put more than bare minimum of effort in.* 6. *Continuing todo online courses to further my knowladge in topics I enjoy and can see a career worth persuing. These courses also help me to keep my knowledge up to date and also further my experience.* 7. *This module has been the most valuable to me in all my years as a student as it has allowed me to gain more in depth knowladge on how to further my experience as a developer. It has shown me many important skills as well as introduced me to many communities and circles that help each other.* |

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| 1. **Worst example from Portfolio** *(list and describe each of the above points)* |
| 1. *Community engagement.* 2. *I tried my best to find questions I could answer when I had the time but felt I do not have the experience most of the people on the forms have yet and therefore could not give any helpful answers.* 3. *Helping people with topics I do not understand too well forced me to look further into the topics and give them more helpful answers.* 4. *Make more time for community engagement to further my own knowledge as well.* 5. *I am motivated when I feel I am helping someone or that I can have an impact on a project.* 6. *Engaging more with communities on forums not only to help them but also to ask for help when I need it for a project.* 7. *I felt I could not help anyone in communities but by starting to answer small questions I have started to look into more complex ones, thus slowly furthering my knowledge and also my community engagement.* |