

MAFADI GODFREY LEPHAKA

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PROFILE SUMMARY

I am a quick learner and hardworking individual passionate about software development. I keep updated with the latest tech trends but also love legacy devices which have led the way for future advancements. I also have a good understanding of Software Engineering principles and practices and have worked in teams creating software and currently building my portfolio website. I am looking for opportunities in which I can use, learn and relevant skills as I grow my career as a Software Engineer/Developer.

EDUCATION

BSc Computer Science - University of the Western Cape, Cape Town

Majoring in Computer Science and Information System.

The Fundamentals of Digital Marketing (4-weeks Online course), Google Digital Skills for Africa (2019)

National Senior Certificate -Rebone Secondary School, Limpopo (2016)

SKILL AND KNOWLEDGE HIGHLIGHTS

- Communication (verbal and writing) skills
- Computer knowledge and proficient in Microsoft Office – Word, PowerPoint, Excel, Outlook etc.
- I have a comfortable knowledge and understanding of (Computer Networking, Machine learning, Software Engineering, Business Analysis)
- Utilizing a computer to its maximum operating ability including installation of software.
- Problem solving
- Innovative
- Prototyping skills with the following Adobe suit (illustrator, Photoshop, XD).
- A good grasp of the web-development lifecycle
- Web development (coding, design, layout)
- Team player
- Hard working
- Eager to learn new skills

Technical skills

Programming languages/frameworks:

- Python (NumPy, Pandas, Matplotlib, Django), Java, JavaScript, React.js, HTML, CSS, Bootstrap, PHP, MySQL, SQL, JSON

Tools and Technologies:

- Jupyter Notebook
- Virtual Machines
- Windows

- Linux

PROJECT EXPERIENCE

COVID-19 data web scraper (Team project) [Python, Flask, SQLAlchemy, JSON, React.js]

- Scraped the number of COVID cases from several South African and international sources and made the data available through an API after cleaning and sorting.
- The purpose was to present data as charts and tables in a webpage for visual consumption.

Calculator [React.js]

- Developed a basic arithmetic calculator (in using React) that could perform mathematical operations and it's also mobile/Computer friendly.

Todo List [JavaScript, HTML, CSS]

- A Todo list which you can add your wish list delete them when completed them and it's also mobile/Computer friendly.

Phonebook Application [Python, Tkinter, JSON]

- Implemented a phonebook application using Python3; Stored people and company contact details and allowed the user to search using stored descriptions instead of only contact names.

Portfolio Website [HTML, CSS, JavaScript, Bootstrap, Django]

- Working on a website that include my resume portfolio, profile, skills and experience also contact details.

VOLUNTEER EXPERIENCE

Cape Peninsula University of Technology & University of The Western Cape Promaths Alumni Society:

Executive member (01/2019 to 02/2020)

- Mainly functioning as treasurer and assisting in event organizing team building events, motivational events for students as well as designing activities to keep students engaged.
- Provided career guidance to high school learners at Kutlwanong centers.
- Also attended national Workshops.

Tutor (01/2019 to 11/2019)

- Tutored high school learners on weekends through a programme organized in partnership with Pro-Maths..

REFERENCE

Reference Name	: Lesego Steven Matlala
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