

Reage Nkoana

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Profile

I am a highly skilled computer science student with a strong background in software and web development. I possess a passion for creating efficient and user-friendly solutions. With expertise in programming languages such as C++, Java, Python, C, C#, and JavaScript, I have successfully developed and deployed projects utilizing modern web technologies such as HTML5, CSS3, and React. Additionally, I have applied my skills beyond the classroom environment, contributing to notable projects like creating a web portfolio and working on various AI related projects. I am an analytical problem solver with excellent communication skills, my goal is to contribute to cutting-edge projects, gaining hands-on experience while fostering impactful solutions in the field of computer science.

Education

BSc in IT in Computer Science and Informatics, *University of Johannesburg* 📄 02/2021
Johannesburg,
South Africa

Courses

Artificial Intelligence in the 4IR, *University of Johannesburg* 01/2021
I successfully fulfilled the requirements of the UJ Short Learning Programme,
Artificial Intelligence in the 4IR – an introduction to artificial intelligence (AI), its
applications, and its implications for society and the future of work in the Fourth
Industrial Revolution (4IR). Johannesburg,
South Africa

Projects

CV Web Portfolio 📄 12/2022
Crafted a dynamic CV Web Portfolio using HTML and CSS. This interactive and
responsive site showcases my education, projects, and skills. Serving as an online
resume, it offers a concise overview of my qualifications and achievements for
potential employers and collaborators.

AI Snake Game 📄 11/2023
Developed an AI-driven Snake Game using Python, PyTorch, and Pygame. This
project leverages machine learning to create an intelligent snake that adapts and
learns as it navigates the game. The use of Pygame provides a visually engaging
experience, making it a fun demonstration of artificial intelligence in a gaming
environment.

Audio downloader (server to client) 📄 06/2023
Developed a comprehensive JavaFX application involving networking
functionalities. This project includes the implementation of a local host server and
client to simulate audio file downloads. The project demonstrates proficiency in
Java, JavaFX, and networking protocols.

E-commerce website 📄 10/2023
Designed and implemented a dynamic E-commerce website using ASP.NET, C#, T-
SQL, JavaScript, HTML, and CSS, ensuring a seamless and secure online shopping
experience.

Skills

Programming Languages



C++, Java, Python, C, C#, JavaScript(node.js ,
Asp.net), SQL, CSS, Visual Basic, Delphi

Video Editing



CapCut, Adobe Premiere , DaVinci Resolve

Languages

English

Proficient (NQF Level 7)

Setswana/Sepedi/Sesotho

Proficient (NQF Level 7)

Afrikaans

Proficient (NQF Level 5)