

Mpho Kekana

415E Mosenapela Street Zone 3, Meadowlands, Johannesburg 1852 | 068 149 4905 | mphokekana736@gmail.com | www.linkedin.com/in/mpho-kekana-063001215 | [mphokekana \(Mpho Kekana\) \(github.com\)](#) |

Portfolio: <https://65429893d0162809af8e5a37--scintillating-croissant-2ca2b4.netlify.app/>

Skills

- C | JavaScript | Python | HTML | SQL | MySQL | MongoDB | Redis | SSH | React | Node | Git |
- CI/CD | Unit Testing | Flask | Vim | Emacs | Backend | Frontend | Full-Stack | DevOps |

Experience

SOFTWARE ENGINEERING

- Lead group projects at Holberton ALX that made us pass and reach the required marks and deadlines using relevant and the latest technologies such as Python, JavaScript, React, Node, MongoDB and SSH.
 - Designed and implemented scalable APIs and background for managing first and third-party servers when building an Airbnb clone as well as a chat app I was building for my portfolio using python, flask and chat engine.
 - Lead the development of a medical social media chat app which will help qualified medical professionals as well as students from identifying system requirements and parent dependencies to workload balancing, software implementation, engineering, unit testing and configuring matrices.
 - Enriched system metrics by integrating the platform with telemetry facilitated in-depth by corresponding APIs with vector contexts.
 - Continuous integration/Deployment pipeline integration, pull request, code reviews, load/stress testing, unit/integration.
 - Reviewed code based projects and tasks which helped my peers improve and gain a perspective on their technical ability as well as mentored students from lower cohorts still trying to figure out the software world.
-
- Lead the printf group project using the C language created the functionality of the program using my understanding and logic.
 - Majority of my projects I did alone to build my technical skills and Indepth understanding which is the reason now I can solve any software problem.
 - Lead the Flask group project by taking the responsibility of doing all of the programing and looking into the unit testing.
 - Lead the Python group project using my expert knowledge of the python language which is the a one I specialize in which is for data storage and is easy to learn, I was able to teach my group members especially their understanding of functions and classes .
 - Lead the JavaScript group project using the JavaScript language, as well as the HTML and CSS.

Education

Nano Degree in Software Engineering

Hobelton University, 22 Sloane Street, Bryanston, Sandton

Projects

- AirBnb Clone 1. Web stack using HTML and CSS with test files.
- AirBnB Clone v2. Added Flask frame work for routing and models and python for unit tests.
- AirBnB Clone v3. Created both dynamic and static ability which can be used and run simultaneously and updating all models as well as HTML and CSS as well as the unit tests and Flask files .
- CaseShare. Flask website which is created to help Doctors communicate information so one another with confidentiality.
- Link. Messaging web app using Nodejs and React as well as Web Sockets for instant messaging Apis for backend server from Chat Engine for the authentication and storage of data.
- Web Chat App. Messaging web application created using React and Node.js as well as Web Sockets for instant messaging.
- My Profile. Using JavaScript, HTML and CSS, deployed using Netlify. Backend using Excel.

Membership

- ANC – African National Congress (Motherboard
- ANC – African National Congress (Youth League)
- The Fellowship – The Room

Others

- HackerRank: Basics in Python: <https://www.hackerrank.com/certificates/2b645c785ccc>
- HackerRank: Problem solving: <https://www.hackerrank.com/certificates/7bf70dcf338b>
- DigiEra: Digital Studies