



Tsebo Mokoena

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WORK EXPERIENCE

Lumkani

August 2018 — Present

Full Stack Developer

Current projects: I am working on the Lumkani Mobile app and Web App both built in Quasar(a Vue.js based framework). The mobile app is used internally by our agents to install fire detectors, sign up clients for fire and funeral insurance as well as collect payments from insurance clients. The web app is also used internally as a reports dashboard. They both connect to a restful API that is built in Python and runs on Docker.

Responsibilities: I am responsible for the full development cycle of the app (building, UI components, writing the APIs, managing the database and doing deploys on the google play store and AWS (Amazon Web Services)).

Development Methodology: The development space I am working in is of an agile nature where SCRUM is applied. I make use of methodologies and principles such as the SOLID principles to keep my code bug free, as short and as efficient as possible. We also make use of Jira and bit bucket.

Software testing: I make use of Test-Driven-Development in-order to test functions that I create and modify. This includes tests such as Unit tests, Integration tests as well as Functional tests. Tests are written on both the front-end as well as the back-end using Pytest (Python) and Jest (Vue and JavaScript).

24.com - Media 24

January 2018 — July 2018

Junior Software Developer (Graduate)

Projects: I worked on a User Profiles Management project, the 24.com CMS, as well as one of the 24.com sites (Health 24).

The User Profiles Management project's main functionality is accumulating user information from different sources and placing it in one central location in the database, this user information includes basic user information, the newsletters they receive and survey results. This information was used to keep track of the number of subscribers and what they have subscribed to in the 24.com range of websites.

Health 24 is a publication's website that contains articles that are pulled through from a CMS (content management system).

Responsibilities: Adding new article categories in the C# based CMS. Creating and modifying HTML based web templates for the Health 24 site. Populating these templates with information from the CMS using API calls.

I created a dashboard that allows admins to upload and process a CSV file with new user information. The dashboard provided information such as the number of users that were processed, which ones existed on the system and which ones were unique etc. The dashboard was ASP.NET based with a C# back-end.

REFERENCES

Reference : Adam Cooke
Company: Media 24
Contact Details : 021 406 2121

Reference : Paul Mersacik
Company: Lumkani
Contact Details: 021 447 1912

QUALIFICATIONS

BSc Computer Science and Informatics

EDUCATION

BSc Computer Science and Informatics

Feb 2014 — Dec 2017

University Of Johannesburg

High School Education

Jan 2008 — Dec 2012

Sunward Park High School

TECHNOLOGIES

Vue.js
Python
My SQL
HTML 5
JavaScript
Amazon Web Services
C#

INTERESTS

Coding
Fitness
Music Production
Graphics Design
Modeling
Public Speaking