

Aviwe Ngqukumba

Full Stack Software Developer

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EXPERIENCE

Capaciti - Software Developer Candidate

March 2024 - Present

Upskilling through software development learnership

Foongit – Software Developer

February 2021 - Present

Worked alongside the CTO to deliver the foongit app, working on both the frontend and backend.

Responsibilities included:

- Build features in React on the hybrid mobile app using the Ionic framework
- Wrote a few endpoints to support the mobile app in NodeJS using the NestJS backend framework
- Added integration with third party messaging platforms to handle transactional communications, namely Twilio for SMS, OneSignal for push notifications and NodeMailer for Emails

Reference: Ntokozo Philip Zwane (CTO) - +353 83 320 2078

LifeQ, Cape Town - *Software Developer*

September 2020 - January 2021

- Spearheaded feature implementation for two critical Flutter web applications:

- Flutter Web COVID App: Developed a data-driven solution that assesses users' Coronavirus risk based on their health information, providing personalized insights and guidance.

- Flutter Dashboard (Admin App): Designed and implemented a comprehensive administrative platform for real-time user data management, enabling informed decision-making and enhanced user oversight.

- Leveraged Flutter Web technology to deliver seamless, cross-platform experiences for diverse user groups.

Reference: Franc - +31622773647

Lettuce Digital, Cape Town - *Full Stack Developer*

December 2018 - August 2020

- Joined as one of the first two developers, playing a pivotal role in shaping the company's technology stack and architecture.

- Spearheaded the development of the Lettuce backend, leveraging:

1. Node.js (Typescript) for scalable server-side development

SKILLS

HTML, CSS, Javascript, Typescript, Mocha, ReactJS, Redux, Handlebars, NodeJS, ExpressJS, PostgreSQL, SQL, MongoDB, Dynamodb, AWS Serverless framework, GraphQL, Flutter, Dart

ACCOMPLISHMENTS

Public Sector Innovation

Hackathon - I participated in this 36-hour hackathon where we were expected to develop software that would help better service delivery for the public sector, my team came third place.

Udemy Courses - I completed '[The Complete Web Developer in 2018](#)',

[MERN Stack Front To Back: Full Stack React, Redux & Node.js](#)

LANGUAGES

IsiXhosa, IsiZulu, English

2. AWS Serverless Framework for efficient resource management

3. DynamoDB for high-performance NoSQL data storage

4. GraphQL for seamless API integration and real-time data retrieval

- Designed and implemented a microservices-based architecture, enabling:

1. Real-time price updates for diverse assets (stocks, cryptocurrencies, commodities, fiat currencies)

2. Seamless communication between internal services and external APIs

- Led the development of the frontend web application using:

1. ReactJS for dynamic, component-based UI development

2. Apollo Client for efficient GraphQL query management

- Delivered a user-centric web app featuring:

1. Real-time portfolio tracking (assets, prices, totals)

2. CRUD (Create, Read, Update, Delete) functionality for portfolio management

- Contributed to the development of the mobile Flutter app, expanding the company's reach and user engagement.

Sam Beckbessinger - (Product Co-founder at Lettuce) - 072 938 5260

Reference: Simon Dingle (CEO) - 082 785 5302

Kenny Ings (CTO and co-founder at Lettuce) - 0796420290

Code For Cape Town, Cape Town— *Code Coach*

June 2018 - July 2018

I was mentoring/teaching young girls from high school coding.

DevDream Digital Software Solutions, Newlands— *Full Stack Web Developer*

January 2017 - December 2017

I developed web applications for the company's clients and internal use, utilizing a tech stack that included ReactJS, Redux, Java, and MongoDB. My responsibilities encompassed both front-end and back-end development, ensuring robust and scalable solutions.

Reference: Roscoe Lotriet - 072 641 0675

EduTree, Plumstead — *Software Tester*,

June 2016 - November 2016

I was responsible for testing the EduTree app, identifying issues, and providing detailed feedback to the development team. Additionally, I guided new users through the app, ensuring they had a smooth onboarding experience.

Reference: Yaseen Samsodien - 061 632 8397

EDUCATION

ProjectCodex – Full Stack Javascript Development Bootcamp

January 2018 - December 2018

Successfully completed an intensive bootcamp at ProjectCodex, focused on full stack software development.

Gained hands-on experience with front-end and back-end technologies, including html, css, javascript, handlebarsJs, nodejs, expressjs and postgresql

Developed a strong foundation in web development, database management, API integration.

Engaged in real-world projects, collaborating with peers and industry professionals to solve real world problems through hackathons.

Center Of Science And Technology, Khayelitsha - Matric

2012 - 2016

I completed my Matric in 2016 with symbol B. I was taking Physical Sciences,

Mathematics, Life Sciences, And Information Technology as Major Subjects.

PROJECTS

Links

[GitHub](#), [LinkedIn](#)