## **Munashe Shonge**

### **IT DEVELOPER**

Portfolio Site: devmunashe.github.com

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#### **WORK EXPERIENCE**

# **BigglesBooks Pty Ltd (**Botswana**) - Mobile Software** Developer (Freelance)

OCTOBER 2019 - OCTOBER 2020

Full-Stack development of an eBooks App targeting Android & iOS platforms. I cut development time and development costs by 40% through use of Google Flutter and Google Firebase technologies. This project was fully remote.

# **Invictus Securities (**Harare**)** — Freelance MSSQL Server Installation & IT Support

OCTOBER 2018

Established in 1996, Invictus Securities provides securities trading & advisory. I implemented an on-site MSSQL Server installation for their trading software and handled licensing issues. I also setup email clients and Mailchimp for their daily share prices campaigns to investors.

# **Sustainable Afforestation Association (**Harare**)** — Freelance Antivirus client Installations, lost email recovery & backup regime setup

OCTOBER 2018

A non-profit established in 2013, SAA seeks to manage deforestation. I handled general IT Support including email recovery & backup, ESET antivirus and Microsoft Office Suite installations.

# **Griffin Security Solutions (**Harare**)** — Surveillance Software Development & CCTV Storage Installations

MAY 2016 - DECEMBER 2018

Developed a custom mobile surveillance app for parents to remotely monitor their kids' activity at kindergarten facilities. Using Dahua CCTV technology I also implemented scalable networked storage solutions.

### **Astro Mobile Africa (**Harare**)** — Software Development Intern

MAY 2014 - AUGUST 2015

Improved smartphone sales with the development of a Native Android field sales tracking App for sales agents. Developed the admin portal for the sales App using Java SE and enabled real-time tracking. Improved my productivity with Agile project management tools like Asana and GitHub.

#### **SOFT SKILLS**

Integrity, Dependability, Effective Communication, Creativity, Teamwork, Adaptability, Willing to learn, Empathy, Problem solving

#### **LANGUAGES**

English, Shona & Setswana

#### **PROGRAMMING LANGUAGES**

Java, Python, Dart, JavaScript, HTML, CSS, PHP, R

### **FRONT - END DEVELOPMENT**

Google Flutter (Mobile, Web & Desktop), Vue.js, Npm, Chrome Dev Tools, WordPress

#### **BACK - END DEVELOPMENT**

Google Firebase BaaS, AppWrite, AWS, Google Cloud Platform, Herouku, Netlify. **Django** (Python), **Flask** (Python), **PHP, Node.js** 

### **DATABASES**

MySQL, PostreSQL, MSSQL, Firestore, MongoDB, Oracle

### **EDUCATION**

# **University of Zimbabwe,** Harare — *Bsc (Hons) Computer Science*

AUGUST 2012 - JUNE 2017

Programming Languages, Data Structures & Algorithms, Artificial Intelligence, Cybersecurity, Operating Systems, Computer Networking, Business & Entrepreneurship for Scientists, Database Concepts, Discrete Maths, Computer Graphics.

# **Google Africa Developer Scholarship** — Associate Android Developer Certification

MAY 2020 - ONGOING

Core Android fundamentals for Android Developer certification

### **RECENT PROJECTS**

**BigglesBooks** App — Built an eBooks App with Flutter & Firebase which enables users to rent a book, read it within the App and earn rewards. This App is currently available on Google Play Store and launching soon on Apple Store.

Google Playstore Link for App

#### **DEVOPS**

Git, GitHub, Codemagic CI/CD, automated tests, TDD, Kubernetes, Docker.

#### **IT SUPPORT**

Network Administration, Database Administration, Microsoft Technologies, Computer Security, General Computer Maintenance, Software Installations & Support, Server & Hardware Installations

#### **INTERESTS**

Technology Research Farming Adrenalin Activities Travelling Entrepreneurship