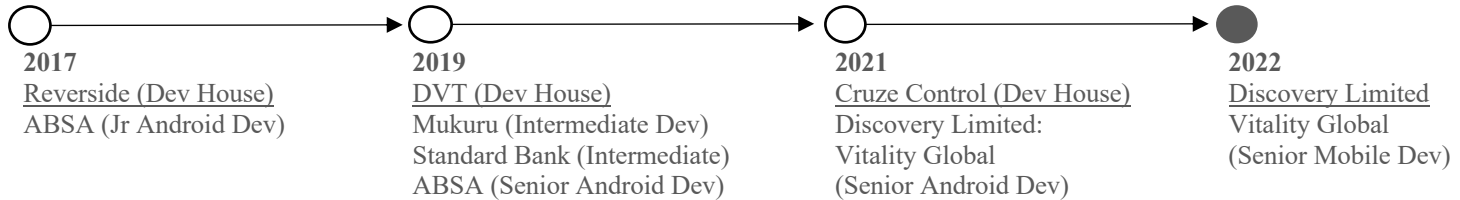


## Career Timeline



## Employment History (From Most Recent)

Senior Android Developer	(Cruze Control) Discovery Vitality Group (Consultant) Permanent	February 2021 – Current
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### Vitality Global Platform Mobile App - consultant & Permanent

- Between 2021 - 2022. (Production Support)
  - Lead and take part in scrum ceremonies and team meetings to communicate support ticket status and development progress.
  - Appointed and operated as the second-in-command for our team for seamless transition of daily tasks in my manager's absence.
  - I operate as the team leader for our Dev team consisting of 6 Senior Developers and 2 Junior Developers where we, together with the Dev Manager, manage the team's capacity and delivery.
  - Front-end Android app support, investigation and development
  - Provide support for quality assurance testing and defect resolution for the Maintenance and Support (M&S) team
  - Initiated the development of a Flutter-based Front-end desktop tool to improve the performance of the M&S team to reduce manual work and reduce human error. (Still an ongoing project)
  - Enrolment to Leadership and Management courses on Udemy for my continuous personal improvement.
- From January 2023 (Moved to a different team in the organization)
  - Working on a Modular Product, internally known as the Health SDK, responsible for syncing and processing member fitness events in line with the Vitality App requirements.
  - Providing support to all the market apps that integrate the Health SDK library.
  - Working on Flutter Libraries that are consumed by the new Flutter-based application suite
  - Involved in Architectural Design decision-making
  - Defect resolution as part of continuous quality improvement of the product.
  - Take part in team discussions to determine architectural design.
  - Involved in altering the architectural approach of how the SDK works with partner apps to improve the maintainability, scalability, and reliability of our product.
  - Being groomed for the Mobile team lead role to facilitate the smooth running of Android and iOS teams in terms of capacity and direction for timeous and quality delivery.

Senior Android Developer	ABSA (DVT Consultant)	July 2020 – January 2021
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### ABSA Bank Mobile App - consultant

- Front-end Android development.
- Provide support for quality assurance testing and defect resolution
- Take part in scrum sessions and team meetings to communicate project status in adherence to the Agile approach to software development.
- Used some of the new Android Jetpack components including the navigation component, Live Data, and MVVM and using the single-activity approach.
- Extensive use of Kotlin, Dagger, and Retrofit.
- Worked on a DVT internal company app after-hours.

<b>Intermediate Android Developer</b>	<b>Standard Bank (DVT Consultant)</b>	<b>November 2019 – June 2020</b>
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**Standard Bank Mobile App - consultant**

- Front-end Android development.
- Implementing a new feature of the app (DebiCheck)
- Provide support for quality assurance testing and defect resolution
- Take part in scrum sessions and team meetings to communicate project status in adherence to the Agile approach to software development.
- Used some of the new Android Jetpack components including the navigation component, Live Data, and MVVM and using the single-activity approach
- Extensive use of Kotlin, Dagger, and Retrofit

<b>Intermediate Android Developer</b>	<b>Mukuru (DVT Consultant)</b>	<b>February 2019 – August 2019</b>
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**Mukuru Mobile App - consultant**

- Front-end Android development.
- Implementing new and enhancing existing App features according to Business specifications and standards.
- Provide support for quality assurance testing and defect resolution
- Take part in scrum sessions and team meetings to communicate project status in adherence to the Agile approach to software development.

<b>Junior Android Developer</b>	<b>ABSA (Reverside Consultant)</b>	<b>July 2017 – November 2018</b>
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**ABSA Bank Mobile App & Sling Pay App - consultant**

- Front-end Android development.
- Implemented redesign of new and existing App features according to Business specifications and standards during 2018 ABSA re-branding.
- Provide support for quality assurance testing and defect resolution
- Participate in scrum sessions and team meetings as prescribed by the agile methodology

<b>Intern – Junior Android Developer</b>	<b>Reverside</b>	<b>April 2017 – November 2018</b>
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- Full-stack developer graduate program path. Selected for Android Mobile Developer path
- Successfully placed at ABSA as an Android Developer (1 of 2 selected from 9

<b>Comp-Science Tutor/ Teaching Assistant</b>	<b>University of Kwa Zulu Natal (UKZN)</b>	<b>2014 – November 2016</b>
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- Tutor (Practical sessions) for first year Computer Science students (Java and Python)– 5 semesters
- Hot-seat leader (Teaching assistant) for first year Computer Science students – 4 semesters

**Education**

<b>Pietermaritzburg</b>	<b>University of Kwa Zulu Natal (UKZN)</b>	<b>2012 – 2016</b>
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- BSc Computer Science and Information Technology (Undergrad)
- BSc Hons Computer Science (Honours)

<b>Springs (Gauteng)</b>	<b>Veritas College</b>	<b>2009 – 2011</b>
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- High School (Matriculated with a BD pass)

**Tech Stack and Skills**

- **Tech:** Android studio, IntelliJ, Jira, Confluence, Bitbucket, Zeplin, Git, Firebase.

- **Languages and Frameworks:**
  - Competent: Android, Java, Kotlin, Flutter, Dart, JavaScript, NodeJS, HTML
  - Familiar: C#, VB.Net, Python, SQL.
  - Novice: C++, R, PHP.
- **Soft Skills:** Leadership, Public speaking, Communication, Problem solving, Empathy and high EQ.
- **Architectures:** MVP, MVVM. BLoC (Flutter), Provider (Flutter), Riverpod (Flutter)

## Technical Experience

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### Projects

- University Honors project: Image processing-based research on: “***Orientation and scale-independent barcode detection and decoding***” using C++ and OpenCV.
- **ScanAir** For Android a published Android app (Since removed due to no maintenance)
- **Boroko Home** and **Boroko Alarm** (Home automation systems), written in Flutter for both iOS and Android and deployed to both App Stores.
- Currently working on 2 other unpublished Flutter projects: One involving location services and both using Firebase for Database and Firebase Auth.
- **Personal Website** written using Flutter Web: [www.onesimonyathi.online](http://www.onesimonyathi.online) (currently built for desktop-sized UI)
- **Vitality ZoolBox**: An internal Flutter desktop app for vitality support.
- ABSA App, Standard Bank App, Mukuru App, Discovery Vitality Global App.

## References

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- Thando Tabane (Sr. Problem Analyst) Discovery Vitality. - [nomthandazo.tabane@vitalitygroup.com](mailto:nomthandazo.tabane@vitalitygroup.com) - 074 958 3884
- Tummie Makgetlaneng (Senior Developer) ABSA and Mukuru - [tmakgetla@gmail.com](mailto:tmakgetla@gmail.com) - 079 981 3012
- Masi Stoto (Senior Android Developer) Standard Bank - 084 981 5312