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ONESIMO B. NYATHI

Intermediate Android Developer

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EMPLOYMENT

<u>Intermediate Android Developer</u>	<u>DVT</u>	<u>February 2019 – Present</u>
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<u>Intermediate Android Developer</u>	<u>Standard Bank SA (Consultant)</u>	<u>November 2019 – Present</u>
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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

<u>Junior Android Developer</u>	<u>Mukuru (Consultant)</u>	<u>February 2019 – August 2019</u>
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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.

<u>Junior Android Developer</u>	<u>ABSA (Consultant)</u>	<u>August 2017 – November 2018</u>
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ABSA Mobile Banking App & Sling Pay App

- 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

<u>Intern - Associate Android Developer</u>	<u>Reverside</u>	<u>April 2017 – November 2018</u>
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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)

<u>Computer Science Tutor</u>	<u>University of KZN</u>	<u>2014 – 2016</u>
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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

<u>Pietermaritzburg</u>	<u>University of Kwa-Zulu Natal</u>	<u>2012 – 2016</u>
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- BSc Computer Science and Information Technology
- BSc Hons Computer Science

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

TECHNICAL EXPERIENCE

Projects (Some on my GitHub: <https://github.com/simonyathi1>)

- 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
- *Boroko Home* and *Boroko Alarm*, written in Flutter for both iOS and Android. (Imminent Publishing on 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 HTML, CSS, and JavaScript :www.onesimonyathi.online
- Preparing for Google Android Associate Developer certificate exam.

TECH-STACK, LANGUAGES and SKILLS

- **Tech:** Android studio, Jira, Confluence, Bitbucket, Zeplin, Git, Firebase.
- **Languages:**
 - Competent: Android, Java, Kotlin, JavaScript, HTML, Flutter, Dart,
 - Familiar: C#, VB.Net, Python, NodeJS, SQL.
 - Novice: C++, R, PHP.
- **Soft Skills:** Leadership, Public speaking, Communication, Problem solving, Empathy and high EQ.
- **Architectures:** MVP, MVVM.

REFERENCES

- Mr Mandla Gwetu (Supervisor) University of KwaZulu-Natal Lecturer. gwetum@ukzn.ac.za
- Maxime Mbabele (ABSA) Part of the team involved in my recruitment. mmbabele@gmail.com
- Tummie Makgetlaneng (ABSA) tmakgetla@gmail.com