

# Thapelo TsOTETSI

## PERSONAL INFORMATION

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PLACE OF BIRTH: South Africa (Free State Province)  
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## WORK EXPERIENCE

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| FEB 2023-AUG 2024 | <b>Software Engineer at TSOLO STORAGE SYSTEMS (PTY) LTD, Cape Town</b> <ul style="list-style-type: none"><li>- I was contracted to <a href="#">SARAO</a> from Tsolo to work on the SKAO Telescope(<a href="#">SKA-Mid</a>) in ZA.</li><li>- Deployed Telescope(SKA) artefacts to our own Data-Centre(ITF) using git pipelines.</li><li>- Created and updated telescope dashboards based on requirements.</li><li>- Investigate/resolve integration issues based on feedback from other teams.</li><li>- Attended daily stand-ups, retrospectives and contribute Scrum planning events.</li><li>- Ensured that SKAO artifacts documentation and user manuals are up to date.</li></ul> [ <a href="#">Python</a> , <a href="#">CI/CD Pipelines</a> , <a href="#">Helm</a> , <a href="#">Kubernetes</a> , <a href="#">CSS</a> , <a href="#">Docker</a> , <a href="#">Postgres</a> , <a href="#">Git</a> ]  |
| OCT 2021-DEC 2022 | <b>Frontend Web Developer at G ADVENTURES, Remote</b> <ul style="list-style-type: none"><li>- Converted designs into React(HTML/CSS) components. Performed API integration.</li><li>- Assisted in investigating and fixing reported bugs. Performed code reviews.</li><li>- Ensured Responsive Web Designs are used. Solved Cross-Browser Compatibility.</li><li>- Wrote unit-tests for our reusable react components.</li></ul> [ <a href="#">React</a> , <a href="#">CI/CD Pipelines</a> , <a href="#">JavaScript</a> , <a href="#">Testing and Debugging</a> , <a href="#">HTML/CSS</a> , <a href="#">Git</a> , <a href="#">Slack</a> ]  |
| JAN 2020-SEP 2021 | <b>Sr Lecturer - Fullstack Developer at LIFE CHOICES CODING ACADEMY, On-site</b> <ul style="list-style-type: none"><li>- Taught youth(18-25) how to program using Python(Flask), SQL, HTML, JS(React) and CSS.</li><li>- Developed curriculum based on Fullstack Developerment(Teaching, quizzes, final projects).</li><li>- Used Flask(Python REST Frameworks) for API development and Linux as our main OS</li><li>- Introduced CI/CD - Travis/Jenkins/Circle CI and Git as part of our development flow.</li><li>- Assisted Curriculum Lead in developing and reviewing curriculum modules.</li></ul> [ <a href="#">Python</a> + <a href="#">Flask(API)</a> , <a href="#">React</a> , <a href="#">PostgreSQL</a> , <a href="#">JavaScript</a> , <a href="#">Netlify</a> , <a href="#">Heroku</a> , <a href="#">HTML/CSS</a> , <a href="#">Git</a> , <a href="#">Slack</a> ]  |
| OCT 2017-MAY 2019 | <b>Software Developer at ZAPPER, On-site</b> <ul style="list-style-type: none"><li>- Integrated Frontend and Backend (API) aspects of the web applications.</li><li>- Communicated and collaborated with product managers and UX/UI designers.</li><li>- Researched, designed, developed and tested new web app(s) tools for the marketing team.</li><li>- Translated new designs, developed and tested new merchant signup process.</li><li>- Prepare, deploy and test releases across our environments (QA, Staging and Production).</li><li>- Investigated, reproduced and fixed reported bugs and issues.</li><li>- Refactored, redesigned and optimised current <a href="#">zapper.com</a> and <a href="#">mp.zapper.com</a> codebase.</li></ul> [ <a href="#">PHP</a> + In-House Frameworks(API), <a href="#">PostgreSQL</a> , <a href="#">JS</a> , <a href="#">Nginx</a> , <a href="#">AWS S3</a> , <a href="#">HTML/CSS</a> , <a href="#">Git</a> , <a href="#">Slack</a> ] |
| MAR 2016-OCT 2017 | <b>Fullstack Developer at BYTE ORBIT, On-site</b> <ul style="list-style-type: none"><li>- Provided guidance on product and architectural design of new API's and Integration.</li><li>- Researched, designed and developed API'S using django-rest-framework(with tests).</li><li>- Integrated API endpoints with front-end web applications using AngularJS.</li><li>- Collaborate with other developers and review pull requests.</li><li>- Participate in sprint planning sessions, stand-ups as well as retrospectives.</li></ul> [ <a href="#">Python</a> + <a href="#">Django</a> , <a href="#">AngularJS</a> , <a href="#">PostgreSQL</a> , <a href="#">JavaScript</a> , <a href="#">Docker</a> , <a href="#">AWS</a> , <a href="#">HTML/CSS</a> , <a href="#">Git</a> , <a href="#">CI/CD</a> ]   |

JAN 2014-JAN 2016    Software Developer at TEXTILY, On-site

- Developed USSD applications and RESTful API's for USSD and SMS applications.
- Prepared proposals and presentation for new potential clients.
- Developed residence room allocation while I was a Subwarden at the UCT.
- Assisted students with their PC/Laptop OS and Network related problems.

[ Python + Django, VumiGO API, MySQL, , JavaScript, Twilio, Bootstrap, HTML/CSS, Git, CI/CD ]

## SKILLS

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- PYTHON, DJANGO(API), JS(React, AngularJS), MySQL(SQL), PostgreSQL, PHP, GIT, Redis.
- OOP, DB ADMINISTRATION, System Architecture, LINUX, Micro-services, AWS
- DEPLOYMENTS, DEBUGGING, INTEGRATION, Helm, Microsoft Luis, Project management.
- PROBLEM SOLVER, SELF MOTIVATED, Great communication skills, Attention to details.

## EDUCATION

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DECEMBER 2015    BSc in COMPUTER SCIENCE AND INFORMATION SYSTEMS, UCT, South Africa.

## CERTIFICATES

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OCTOBER. 2024    Google Cybersecurity(In-progress).

## LANGUAGES

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ENGLISH:    Fluent.  
SESOTHO:    Mothertongue.  
XHOSA AND ZULU:    Intermediate Knowledge.

## INTERESTS AND ACTIVITIES

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Open-Source software, Programming, Cybersecurity, AI.  
Playing for local soccer team, Car Enthusiast, Learning different music instruments.