

Thapelo TsOTETSI

PERSONAL INFORMATION

PLACE AND DATE OF BIRTH: South Africa(Free State Province) | 15 January 1988
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WORK EXPERIENCE

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| FEB 2023-AUG 2024 | Software Engineer at TSOLO STORAGE SYSTEMS (PTY) LTD, Cape Town <ul style="list-style-type: none">- I was contracted to SARA0 from Tsolo to work on the SKAO Telescope in ZA.- Deployed Telescope(SKA) artefacts to our own Data-Centre(ITF) using git pipelines.- Created and updated telescope dashboards based on requirements.- Investigate/resolve integration issues based on feedback from other teams.- Attended daily stand-ups, retrospectives and contribute Scrum planning events.- Ensured that SKAO artifacts documentation and user manuals are up to date. [Python , CI/CD Pipelines , Helm , Kubernetes , CSS , Docker , Postgres , Git] |
| OCT 2021-DEC 2022 | Frontend Web Developer at G ADVENTURES, Remote <ul style="list-style-type: none">- Converted designs into React(HTML/CSS) components. Performed API integration.- Assisted in investigating and fixing reported bugs. Performed code reviews.- Ensured Responsive Web Designs are used. Solved Cross-Browser Compatibility.- Wrote unit-tests for our reusable react components. [React , CI/CD Pipelines , JavaScript , Testing and Debugging , HTML/CSS , Git , Slack] |
| JAN 2020-SEP 2021 | Sr Lecturer - Fullstack Developer at LIFE CHOICES CODING ACADEMY, On-site <ul style="list-style-type: none">- Taught youth(18-25) how to program using Python(Flask), SQL, HTML, JS(React) and CSS.- Developed curriculum based on Fullstack Developerment(Teaching, quizzes, final projects).- Used Flask(Python REST Frameworks) for API development and Linux as our main OS- Introduced CI/CD - Travis/Jenkins/Circle CI and Git as part of our development flow.- Assisted Curriculum Lead in developing and reviewing curriculum modules. [Python + Flask(API) , React , PostgreSQL , JavaScript , Netlify , Heroku , HTML/CSS , Git , Slack] |
| OCT 2017-MAY 2019 | Software Developer at ZAPPER, On-site <ul style="list-style-type: none">- Integrated Frontend and Backend (API) aspects of the web applications.- Communicated and collaborated with product managers and UX/UI designers.- Researched, designed, developed and tested new web app(s) tools for the marketing team.- Translated new designs, developed and tested new merchant signup process.- Prepare, deploy and test releases across our environments (QA, Staging and Production).- Investigated, reproduced and fixed reported bugs and issues.- Refactored, redesigned and optimised current zapper.com and mp.zapper.com codebase. [PHP + In-House Frameworks(API), PostgreSQL , JS , Nginx , AWS S3 , HTML/CSS , Git , Slack] |
| MAR 2016-OCT 2017 | Fullstack Developer at BYTE ORBIT, On-site <ul style="list-style-type: none">- Provided guidance on product and architectural design of new API's and Integration.- Researched, designed and developed API'S using django-rest-framework(with tests).- Integrated API endpoints with front-end web applications using AngularJS.- Collaborate with other developers and review pull requests.- Participate in sprint planning sessions, stand-ups as well as retrospectives. [Python + Django , AngularJS , PostgreSQL , JavaScript , Docker , AWS , HTML/CSS , Git , CI/CD] |

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 University Of Cape Town.
- Assisted students with their PC/Laptop OS and Network related problems.

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

EDUCATION

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

CERTIFICATES

OCTOBER. 2024 Google Cybersecurity(In-progress).

LANGUAGES

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

SKILLS

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

INTERESTS AND ACTIVITIES

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