

Thapelo TsOTETSI

PERSONAL INFORMATION

PLACE AND DATE OF BIRTH: South Africa(Free State Province) | 15 January 1988
ADDRESS: 308 1onAlbert Rd, Woodstock, Cape Town, South Africa
PHONE: +27 067 970 2275
EMAIL | GITHUB: thapelotsotetsi2030@gmail.com | github.com/tsotetsi

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.- Deploy Telescope(SKA) artefacts to our own Data-centre(ITF) using git pipelines.- Create and update telescope dashboards based on requirements.- Investigate/resolve integration issues based on feedback from other teams.- Attend daily stand-ups, retrospectives and contribute Scrum planning events.- Ensure that SKAO artifacts documentation is up tp date. <p>[Python, CI/CD Pipelines, Helm, Kubernetes, CSS, Cluster Deployment, Postgres, Git]</p> |
| OCT 2021-DEC 2022 | Frontend Web Developer at G ADVENTURES, Remote <ul style="list-style-type: none">- Convert designs into React(HTML/CSS) components. Perform API integration.- Assist in investigating and fixing reported bugs. Perform code reviews- Ensure Responsive Web Designs are used. Cross-Browser Compatibility- Write unit-tests for our reusable react components. <p>[React, CI/CD Pipelines, JavaScript, Testing and Debugging, HTML/CSS, Git, Slack]</p> |
| JAN 2020-SEP 2021 | Sr Lecturer - Fullstack Developer at LIFE CHOICES CODING ACADEMY, On-site <ul style="list-style-type: none">- Teach youth(18-25) how to program using Python(Flask), SQL, HTML, JS(React) and CSS.- Develop 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.- Introduced deployments on Netlify, Heroku, Repl.it and AWS. |
| OCT 2017-MAY 2019 | Software Developer at ZAPPER, On-site <ul style="list-style-type: none">- Integrate frontend and backend (API) aspects of the web app(s).- Communicate and collaborate with product managers and designers.- Translate UI/UX visuals on Zeplin to responsive web design HTML artefacts.- Research, design, develop and test new web app(s) tools for internal use only.- Design, develop and test new merchant signup process.- Prepare and deploy releases across our environments (QA, Staging and Prod).- Investigate, reproduce and fix reported bugs and issues.- Refactor, redesign and optimise current zipper.com and mp.zipper.com codebase. |
| MAR 2016-OCT 2017 | Fullstack Developer at BYTE ORBIT, On-site <ul style="list-style-type: none">- Provide guidance on product and architectural design of new API's.- Research, design and develop API'S using Django-rest-framework.- Integrate API endpoints with front-end using AngularJS.- Collaborate with other developers and review pull requests.- Participate in sprint planning sessions, stand-ups as well as retrospectives..- Write API's unit and integration tests. |

EDUCATION

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

CERTIFICATES

OCTOBER 2024 Google Cybersecurity.

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.