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
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Work Experience

FEB 2023-AUG 2024 | **Software Engineer at TSOLO STORAGE SYSTEMS (PTY) LTD, Cape Town**
- I was contracted to SARAO 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 to date.
[Python, CI/CD Pipelines, Helm, Kubernetes, CSS, Cluster Deployment, Postgres, Git]

OCT 2021-DEC 2022 | **Frontend Web Developer at G ADVENTURES, Remote**
- Converted designs into React(HTML/CSS) components. Performed API integration.
- Assisted in investigating and fixing reported bugs. Performed code reviews.
- Ensurd 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**
- 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**
- 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 zapper.com and mp.zapper.com codebase.

MAR 2016-OCT 2017 | **Fullstack Developer at BYTE ORBIT, On-site**
- 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.