Catherine Kediemetse Mokgothu

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EDUCATION

TSHWANE UNIVERISTY OF TECHNOLOGY
Bachelor's IT: Technical Application
Key Modules: Programming Languages, Information System and Design.

EXPERIENCE

American Express   *Burgess Hill, UK*
Software Engineer | Enterprise Storage

- Understand domain, business requirements and implement a solution to handle multiple files to avoid impacts to downstream around not being able to read the documents data.
- Improved exception handling, re-wrote code to enable switch from AWS ECS to Cloudian, to have better control on number connection we have to database and reduce load on our egress pods.
- Lead the discovery, design and implementation for large file ingest performance improvement by more than 15 seconds.
- Lead the migration and improved solution to migrate enterprise documents, supported India Data Localization program which met the RBI system audit to allow the acquisition business to resume.
- Automated regression suite adopting BDD Behaviour and CI/CD tooling for a membership rewards legacy platform this increased the scope of automated test and minimized manual test work.
- Supported production incidents and existing API for better stability and availability.
- Additionally contributes as a technology ambassador along with other leaders to plan and organise programmes for AMEX to showcase at AMEX to increase awareness of recruitment, AMEX SBS products amongst Black entrepreneurs and business owners.

Falcorp Technologies/Consulting at Liberty   *Johannesburg, RSA*
Junior Software Developer | Sept 2017 – Feb 2020

- Contributed as part of scrum team to maintain and support Liberty Payroll and Quoting system to ensure effective customer experience and continuously adding new business requirements.
- Investigated, analysed, and resolved production incidents to ensure there's no data discrepancy.
- Conducted mentoring and coaching sessions for interns resulted to them effectively contributing to the business.
- Presented a topic to empower over 60 women in tech on "How to thrive in a male dominant industry without losing yourself."

Microsoft   *Johannesburg, UK*
Intern Software Developer | March 2017 – Aug 2017

- Developed a new multi-tenancy system for Department of Education to allow teachers to collaborate worldwide.
- Performed User acceptance testing and added test cases to ensure the application behaves as expected.
- Volunteered to upskill with other engineers by running knowledge sharing session to give greater exposure to modern stacks and processes.

ADDITIONAL

Technical Skills: Java, Vertx, Spring Boot. SQL, PLSQL, Couchbase, Amazon S3, Postgres, JavaScript, HTML, CSS.
DevOps/Testing: CI/CD Jenkins, JUnit, GIT, Docker, Docker, Cucumber.