

Loyiso Mlandu

✉ mlandu98@gmail.com ☎ +27827364621 in [LinkedIn](#) 🐙 [github.com](#)

Current role	Intermediate Software Engineer at Convergenc3
Experience	Consulting, Banking, Insurance, Financial Services
Technologies	MongoDB, AWS, Docker, Kubernetes, GCP, JavaScript, Java, MySQL, Python, Google Analytics, Postgres, Azure, Clojure, Cloju...

At work I'm best at...
Building a relationship with my co-workers
and providing leadership roles within the team

Work experience

Intermediate Software Engineer, Convergenc3

Feb 2023 – Present (3m)

Consulting · Banking · Insurance

MongoDB AWS Docker Kubernetes GCP JavaScript Java MySQL

- Convergenc3 is a South African-based business & digital engineering consultancy with offices in Johannesburg, Pretoria, Cape Town, Stellenbosch, Amsterdam, Rotterdam and Windhoek. It was founded in 2016 by ex-Deloitte director, Stefan Smit. I was put in charge in locations such as Johannesburg, Cape Town and Amsterdam
- Mondays to Thursdays I worked for clients on the most challenging business engineering projects in the financial services, banking, insurance, telecommunications, aviation and manufacturing industries. These companies which i wokred for included FNB, WesBank, Absa, Santam, Hollard, Old Mutual and Vodacom and KPN (Amsterdam).
- Some of these programs and projects include:
- End-to-end support of the design and delivery of digital banks & insurance platforms
- Building digital marketplaces and super-apps that consume financial services APIs. In these programs and projects
- Building and operating an incubator and innovation lab for South Africa's largest telcom, Vodacom Building disruptive startups on top of banks' sandbox environments
- API Orchestration at KPN
- Designing and implementing TOMs (Target Operating Models) for banks and insurance organisations. Convergenc3 supports architecture design (incl. business, enterprise, solutions, etc.) as well as process engineering, among many other facets.
- During my time at FNB i was in charge of the debi-order system process. The debit order process is a system in which the bank automatically debts your bank account to pay a debtor. I created the pipeline and architecture of that process and developed it using Java, Bitbucket, Angular, OracleDB.
- The following tech stack i have used in Convergenc3 are listed below
- TDD
- GIT CI/CD
- JAVA SPRINGBOOT
- JAVASCRIPT
- MYSQL
- MONGO DB
- KUBERNETES
- GCP
- AWS
- DIGITAL OCEAN
- REACT
- DOCKER
- ORACLEDB

FullStack Developer, Navigare Securities

Jul 2021 – Feb 2023 (1y 7m)

Financial Services

AWS JavaScript Python Google Analytics Postgres Azure Clojure ClojureScript

- Fullstack Developer at Navigare Securities
- Currently I am part of the Navigare Labs team filled with Data Scientist, Mathematicians and FullStack developer The company welcomed me with warm open arms and showed me the grounds of functionality

programming.

- During my current span at Navigare we worked on the following projects:
- Using the powerful and sophisticated functional programming language clojure, i was assigned to create a software called the Natural Language Processing built for asset managers, Natural language processing is a subfield of linguistics, computer science, and artificial intelligence concerned with the interactions between computers and human language, in particular how to program computers to process and analyse large amounts of natural language data.
- Roles and Responsibilities:
- Using D3.js a JavaScript library for manipulating documents based on data. D3
- Knowledge of database both PostgreSQL and Datomic
- Web Scrapping to predict inflation for consumers (Javascript)
- Puppeteer
- Frontend (React) and Backend (Clojure/ClojureScript) development
- Working with the data science team to produce clean and efficient code using python and clojure.
- Nginx as a web server
- Scrum methodology
- FastAPI
- TDD
- Git CI/CD pipelines
- GraphQL
- CSS/SCSS

Junior Developer/QA, Walletdoc

Nov 2019 – May 2021 (1y 6m)

Java

Kotlin

Swift

MySQL

Postman

JIRA

- I was Part of the Walletdoc family. The company is a start-up business turned pro and has employees who are willing to put their time and hard-working in making Walletdoc the number one company in SA
- Currently, in my period at Walletdoc, I have worked on the following projects
- Walletdoc Business Website/App (Android): The app was the first of its kind for merchants. The Walletdoc business app allowed the registered business to view live transactions across the following channels:
- Point of sale
- E-commerce transactions '
- Subscription billing
- Payment links
- QR code payments
- With the Walletdoc business app you can:
- View how your business is performing with month on month comparative graphs
- Send online payment links
- Accept QR code payments
- Process transactions live via the app
- Search through and view your entire payment history across all channels
- Place widgets on your home screen for a quick view of your daily and monthly processing volumes
- Get real-time push notifications for QR code and payment link payments
- Download reports
- Log support tickets and view your chat history with the support team
- I was a Junior Developer and lead QA for the Walletdoc business app.
- Support Team: The Walletdoc support team helps customers and merchants experiencing any problems or questions related to how Walletdoc works. I was the lead developer for integrating the Walletdoc support team and QA for the Support team.

- Roles and Responsibilities:
- Knowledge of database and operating systems
- Detail-oriented
- Writing reports
- Conducting development test
- Monitoring the technical performance of internal systems.
- Good working knowledge of email systems and Microsoft Office software.

Junior Developer, IGTV

Sep 2018 – Sep 2019 (1y)

PHP Python Android Postgres Postman ClojureScript

- Junior Developer at IGTV
- For a year I was part of the IGTV ZA Family which was funded by Multichoice Group SA. The company was very vibrant and full of energy as an intermediated developer the company was more than willing to expand my skills with them and help grow the company.
- During my one year span at IGTV ZA I worked on the following projects:
- IGTV App: The IGTV app is Instagram's content creation tool which allowed users at the time to upload videos that have a duration of between a minimum of 1 minute and a maximum of 1 Hour. You could even watch and discover other content creators from the app. Instagram set up a temporary remote location in Johannesburg and Cape Town to work on the app. I was the junior developer for the Johannesburg team.
- Threads: A Camera app for close friends, This was a fast and easy way to upgrade and stay up to date with your close friends on Instagram. Threads were built on ruby on rails and I was the junior developer for the Johannesburg team.
- Roles and Responsibilities:
- Knowledge of database and operating systems
- Detail-oriented
- Writing reports
- Conducting development test
- Gathering information from consumers about program functionality
- Responding to requests from the development team.
- Learning the codebase and improving my coding skills

Junior Software Developer, Dion-Wired

Aug 2017 – Aug 2018 (1y)

JavaScript Android Postgres

- Junior Developer at Dion Wired
- For a year I was part of the Dion Wired team as a Junior software developer. The company welcomed me with warm open arms and as an inexperienced developer, this brought a sense of relief and reassurance about my career path as a developer.
- During my one year span at Dion Wired we worked on the following projects:
- Dion Wired Credit App: The Dion Wired Credit app for Android and IOS devices was a self-service app that allowed customers to review their account details, download statements, pay their accounts, cash advance and choose their favourite retailers and get push up notification's for new exclusive deals, I was a junior developer for the version 1.0.3 release.
- Roles and Responsibilities:
- Knowledge of database and operating systems
- Detail-oriented
- Writing reports
- Conducting development test
- Gathering information from consumers about program functionality

Education

university of Johannesburg

Postgraduate degree Honours in Computer Science

Feb 2020 – Dec 2021 (1y 10m)

University of Johannesburg

Undergraduate Degree Bachelor of Science in Computer Science

Feb 2016 – Dec 2018 (2y 10m)

Snippets

JavaScript Wind direction using D3 @ [github.com](#)

This personal project was taking a leap of faith by creating a dashboard which displays wind direction of 800 games in a football match using the powerful tool of D3.

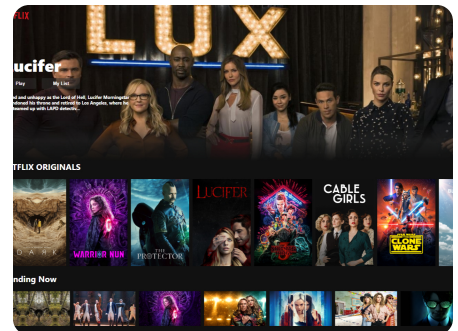


Netflix app React @ [github.com](#)

This Netflix app was created using React.

Note: in order to use you must get your API key at themoviedb website

This project was bootstrapped with Create React App.



Clojure Chess Game @ [github.com](#)

Swordfight

"A game of chess is like a sword fight. You must think first before you move." (Shaolin and Wu Tang)

Swordfight is a chess engine (no GUI, just a chess AI). It's CECP-compatible and works with XBoard GUI.

This was built using Clojure



More about me

At work I'm best at...

Building a relationship with my co-workers and providing leadership roles within the team

Languages spoken

German, Afrikaans

Interests

Sport (Formula One, Football, Rugby and Tennis) I love sports, it is the best strategic event in modern human history, I love Gaming as well, I know the absolute geek