

Lwandiso Zwane

Full-Stack Developer

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🇿🇦 South African 📁 Portfolio in LinkedIn 🐦 Twitter 🏠 GitHub

SKILLS

- | | | | |
|--------------------|------------------|--------------|-----------------------------|
| • HTML | • CSS | • Javascript | • React Js |
| • React Native | • Node Js | • Express Js | • Python |
| • Django | • MongoDB | • mySQL | • postgresSQL |
| • Git | • GitHub | • Postman | • Machine Learning |
| • Graphic Designer | • UI/UX designer | • Photo Shop | • Machine Learning Engineer |

COURSES

- Machine Learning/AI Engineer, CodeCademy** 08/2023 – 11/2023
Machine Learning/AI Engineers build end-to-end ML applications and power many of the apps we use every day. They work in Python, Git, & ML.
Includes Python, Machine Learning, Software Engineering, Algorithms, Pandas, scikit-learn, Git, Bash, and more.
- Python (Introduction), scrimba** 05/2021 – 05/2021
Object-Oriented Programming (OOP)
- React Native (Introduction), Codecademy** 08/2021 – 08/2021
Native Modules, Cross-Platform Development, Expo, JavaScript Bridge, React Navigation, React Native CLI, Debugging Tools, Animations
- NodeJS (Introduction), Codecademy** 11/2021 – 11/2021
Here I learned about: Asynchronous programming, Event-driven architecture, Server-side JavaScript, RESTful API design, NPM package management, Express.js framework, and Microservices architecture.
- ReactJS (Advanced), Codecademy** 02/2022 – 02/2022
JSX, Virtual DOM, Component-Based Architecture, Redux, React Hooks, Server-Side Rendering, React Native, Context API.
- JavaScript (Intermediate), Codecademy** 04/2022 – 04/2022
ES6 (or ECMAScript 6), Asynchronous programming, Promises, Callbacks, Closure, Higher-order functions, Functional programming, Object-oriented programming (OOP), RESTful APIs, JSON (JavaScript Object Notation)
- ExpressJS, Codecademy** 06/2022 – 06/2022
RESTful APIs, Middleware, Routing
Template Engines (e.g., Handlebars, EJS), Error Handling, Authentication and Authorization, Async/Await, MongoDB/Mongoose
- UI/UX Design, Google** 08/2022 – 08/2022
User Research, Wireframing, Prototyping, Information Architecture, User Personas, Design Thinking, Usability Testing, Visual Design, Interaction Design, User Flows
- Fundamentals Of Digital Marketing, Google's Digital Skills for Africa** 01/2022 – 05/2022
SEO (Search Engine Optimization), SEM (Search Engine Marketing), PPC (Pay-per-Click), Social media marketing, Content marketing, Email marketing, Analytics, Conversion rate optimization, ROI (Return on Investment), Mobile optimization, Influencer marketing, Affiliate marketing, Marketing automation, Customer segmentation, A/B testing

PROJECTS & EXPERIENCE

- Reverse Image Search, Convolutional Neural Network**
This project takes in an input in a json format with an image link, and outputs 5 of the most similar images in the database.
- Production Ready Authentication System**
This is a production authentication app built from scratch using MongoDB, AWS3, NodeJS, and ExpressJS. It includes tokens, cookies, password hashing, and current best practices. Users can upload photos that are sent to a cloud server and tracked with a link in the database.
- React-Native Fashion App**
This is the front-end that connects to the back-end of the Fashion Recommender System
- Back-End Fashion Recommender, with CNN, KNN and Django**
This is a back-end endpoint that takes in a product object in a json format, and outputs similar product as categorised by a knn.