

MOKHACHANE MOSHOESHOE

Product Lead and Lead Developer · Full-stack & Product Engineer

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PROFILE

Software engineer and product builder who ships production web and mobile software end to end. Product Lead and Lead Developer on Mosebetsi, a South African task marketplace live on iOS and web, designed and built across React Native, TypeScript, Firebase and Node.js with real-time task flows, identity verification and automated payments. Grounded in a Data Science background (Python, SQL, machine learning) that informs how systems are built and measured. Moving toward AI-integrated product work and platform engineering. Available immediately for full-stack, product and platform roles, remote or hybrid.

TECHNICAL SKILLS

Frontend & Mobile: React, React Native (Expo), TypeScript, JavaScript, Tailwind CSS, HTML/CSS, responsive UI

Backend & Cloud: Node.js, Firebase (Auth, Firestore, Cloud Functions, Storage, Hosting), REST APIs, webhooks, payment integration

Data & ML: Python (Pandas, NumPy, scikit-learn), SQL, R, machine learning, data visualisation, Looker Studio, Tableau

AI Integration: LLM API integration, retrieval-based features, AI-assisted development (GitHub Copilot, Claude) with critical review of output

Ships With: Git, GitHub, Netlify, Firebase Hosting, Expo, App Store & Google Play submission

EXPERIENCE

Product Lead and Lead Developer | Mosebetsi

Jan 2025 – Present

A task marketplace connecting clients with local service providers, [live in South Africa on iOS and web](#), with Android in progress.

- Designed and built the full platform end to end across more than 39 development phases, spanning React Native (mobile), React (web), a Firebase backend and Node.js Cloud Functions.
- Built five role-based dashboards with identity verification, real-time task management, messaging, ratings and admin operations serving both clients and taskers.
- Designed and implemented an automated payment and payout system, moving from a manual process to an event-driven task state machine with dispute windows and automated payouts for reliability and correctness.
- Integrated third-party payment infrastructure (Ozow) with internal wallet logic, OTP authentication, push notifications, and Google and Apple Sign-In.
- Shipped to the Apple App Store and coordinated the full delivery lifecycle end to end: architecture, development, testing, deployment and release.

Web & Product Developer | Mo'Websites

Feb 2025 – Present

An independent practice building websites and light infrastructure for small businesses, [Mowebistes](#).

- Designed and built responsive client websites in React and Tailwind CSS, owning requirements, development, deployment and post-launch support.
- Built [Citrus Aura](#), a premium e-commerce store for a wellness brand, with a full categorised product catalogue, individual product pages and an automated email order flow (React, Next.js, Tailwind, Netlify).
- Deployed a live performance dashboard for a client in Looker Studio, replacing manual reporting with real-time traffic, lead and ROI visibility.
- Implemented technical SEO including schema markup and Google Business registration to improve organic and maps visibility.

IT Student Support Assistant | Central University of Technology

Mar 2021 – Mar 2022

- Resolved student portal access, account and registration issues, handling a high volume of support requests accurately.
- Coordinated lab equipment maintenance and enforced safety protocols, contributing to a 15% reduction in lab incidents.

Property Manager | Siblings Habitat (Pty) Ltd

Jan 2017 – Dec 2019

- Managed maintenance and contractor coordination for a residential portfolio of 50+ residents, improving tenant satisfaction by 20% through structured communication and issue resolution.

SELECTED PROJECTS

Data Science projects (Academic, Eduvos BSc): a Twitter/X bot-detection classifier and a customer churn prediction model (Python, scikit-learn); an interactive graduate-employment dashboard (R, Shiny); and a complete sovereign-debt analysis

submitted to the 2025 10Alytics Global Data Hackathon against 2,282 participants across 51 countries. github.com/M-Moshoeshoe

EDUCATION

BSc Data Science · Eduvos	2025 · NQF 7
Diploma in Information Technology: Software Development · Central University of Technology	2021 · NQF 6
National Senior Certificate · Kimberley Boys' High School	2016

CERTIFICATIONS

- BCG Data Science Job Simulation, Forage (2025)
- Deloitte Virtual Data Analytics Internship, Forage (2025)
- Managing Knowledge and Innovation, Eduvos (2025)
- Financial Literacy and Legal Aspects of Entrepreneurship, NextGen (2025)

References available on request.