Nqobile Masombuka

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FULL-STACK DEVELOPER | JAVASCRIPT | REACT | NODE.JS | PYTHON | MERN STACK

PROFESSIONAL SUMMARY

Self-taught fullstack developer with a strong focus on backend engineering and secure, scalable application development. Experienced in building real-time, high-performance systems using JavaScript-based stacks (MERN), with growing interest and hands-on learning in Golang and blockchain fundamentals. Proven ability to work independently, ship production-grade features, and contribute meaningfully to remote, async teams.

TECHNICAL SKILLS

- **Languages:** JavaScript, Python, HTML5, CSS3, SQL, basic PostgreSQL
- **Backend:** Node.js, Express.js, Fast API, MongoDB, Firebase, JWT Auth
- **Frontend:** React, Tailwind CSS, Bootstrap, Sass, Streamlit
- **AI/ML:** Open AI, Gemini API, LLM
- **Cloud & DevOps:** AWS (basics), Docker (basics), Microsoft Azure (basics), CI/CD Pipeline
- **State Management:** Redux Toolkit, Zustand
- **Tools:** Git, GitHub, Postman, Netlify, Vercel, Render
- **Other:** Cloudinary, Stripe, Redis (basic)

PROFESSIONAL EXPERIENCE

ProjectY | Fullstack Development Member   *October 2025- present*

- Completing rigorous full-stack development training focused on building production-ready applications with modern technologies including cloud computing, AI/LLM integration, data engineering and DevOps practices.
- Developed multiple full-stack applications using JavaScript ecosystem, Python/Fast API, PostgreSQL and cloud deployment strategies on a weekly basis.
- Collaborated with peers on team projects using Agile methodologies and Git workflows.
- Gained hands-on experience with AWS, Azure, Docker, CI/CD Pipelines, and modern deployment best practices.

Fullstack Developer- PrepCheck (AI Work Readiness Screener)   *November 2025*

- Build an AI-powered work readiness screener providing personalised CV analysis and personalised recommendations.
- Integrated Gemini API to generate dynamic CV analysis, personalised recommendation, and a real-time chatbot (PrepPal).
- Stack: React 18, Framer Motion, Recharts, Axios, Node.js, Express.js, Multer, pdf-parse, Mammoth, Google Gemini 2.0 Flash.
- DevOps: Docker, Kubermetes, Docker Hub,
- GitHub: MmelIGaba/PrepCheck: AI powered Work Readiness Screener.

Fullstack Developer- MuseMotion (ETL Pipeline)   *November 2025*

- Built a comprehensive data engineering platform that processes, analyses and visualises insights from electric vehicle datasets.
- Automates data ingestion, transformation and cloud-based storage.
- Stack: Kaggle Datasets, SQL, MySQL, Pandas, Microsoft Azure, Streamlit.
- GitHub: https://github.com/Aobakwe2025/Week4-MuseMotion

Fullstack Developer- MuseMind (AI Poem Generator)   *October 2025*

- Built an AI-powered poem generator that utilises Google Gemini API for intelligent, contextual poem creation.
- Real-time poem generation with beautiful themed UI and responsive design.
- Stack: Express.js, Node.js, CORS, dotenv, Gemini API, JavaScript, CSS, HTML.
- GitHub: https://github.com/luyandazuma/Week2-AIPoemGenerator

Fullstack Developer- Streamify (Video Calling & Chat App)   *May 2025*

- Built a secure, real-time platform for 1-on-1 and group video calling, live chat with reactions, typing indicators, screen sharing, and 32 unique UI themes.
- Stack: MongoDB, Express.js, React, Node.js, Zustand, TanStack Query, JWT, Stream API.
- GitHub: https://github.com/n-qobile/streamify

Fullstack Developer- TaskMe (Task Manager App)   *March 2025*

- Developed a task management app with role-based auth, dynamic filtering, file uploads, and Firebase storage.
- Stack: MERN, Tailwind CSS, Redux Toolkit, JWT, Firebase.
- GitHub: https://github.com/n-qobile/task-manager-app

CERTIFICATIONS

Coursera:

AI Engineering, Cloud Engineering, Data Engineering   *October 2025*

Codecademy- Full stack Engineer Career Path

Learn SQL, Node.js, Node SQLite, Git & GitHub, Bootstrap   *May 2024*
Learn JavaScript (Beginner & Intermediate), React (Beginner & Advanced)   *April 2024*

SheCodes Foundation- Frontend Development

SheCodes Basic and SheCodes Basic Add-on   *June 2025*
SheCodes Next   *June 2025*
SheCodes Plus   *July 2025*

EDUCATION

University of Cape Town   **Cape Town, WC**
B.Sc. Speech-Language Pathology   *December 2021*

SKILLS & INTERESTS

Skills: Communication, Adaptability, Teamwork, Critical Thinking, Empathy.

Interests: Full Stack Development, Backend Systems, Blockchain, Automation, Crypto Platforms, AI Integration.

Additional: Fluent in English (written and verbal), dependable internet connection for remote work, fast learner with proven ability to adapt to new tech stacks and contribute meaningfully in remote, async teams.