

ASHLEY K. MOTSIE

Software Developer

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PROFESSIONAL SUMMARY

Software Developer with 3+ years of experience building scalable, AI-powered and production-grade applications. Specialise in Python and React modern frameworks. Proven ability to own complete project life cycles from architecture to deployment in agile, fast-paced environments. Strong collaborator via GitHub workflows, sprint planning, and cross-functional code reviews. Comfortable working autonomously across time zones.

EDUCATION

National Certificate Vocational (NQF Level 4) - Information Technology & Computer Sciences - 2022 – 2024

Orbit TVET College, Rustenburg, North West

PROFESSIONAL EXPERIENCE

AI Software Developer *Jul 2025 - Present* - AI Global Networks | Johannesburg, South Africa - Remote

- Delivered a full website redesign with mobile-first, responsive layout; resolved critical navigation and rendering bugs under tight delivery timelines.
- Maintained end-to-end feature ownership from architecture and development through deployment and post-release monitoring on Vercel and Netlify.
- Integrated Groq and Claude APIs with streaming responses, custom markdown rendering, and robust error-handling pipelines into a live AI-powered chatbot product.
- Collaborated through GitHub pull requests and code review cycles, maintaining high code quality standards across all deliverables.

IT Technician & Junior Software Developer *Jun 2025 - Present* - Eullafied Tech Solutions | North West, South Africa - On-site

- Actively participated in sprint planning, backlog grooming, and agile development cycles to maintain delivery cadence across two concurrent production systems.
- Migrated the Intern Management System and Help Desk platform from Windows to Linux Mint, resolving environment-specific issues and stabilising CI workflows.
- Built a full-stack Intern Management System (React + TypeScript + Express + SQLite) with role-based dashboards, CSV export, email notifications, and SA ID validation.
- Developed a NestJS + React + Supabase Help Desk ticketing system with full API integration and real-time status tracking.
- Provided IT infrastructure support including hardware troubleshooting, networking, and software issue resolution across the organisation.

Web Developer & Graphic Designer *Sep 2025 - Present* - Maps Media Productions | North West, South Africa - Remote

- Built and delivered responsive client websites on schedule, conducting discovery sessions to translate business requirements into functional web solutions.
- Handled end-to-end debugging and performance optimisation across varied web implementations for local business clients.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, HTML5, CSS3

Backend: Flask, FastAPI, Node.js, Restful APIs, JWT auth

Frontend: React, Next.js, Tailwind CSS

Databases: PostgreSQL, PHP, SQL, Supabase, Neon, Firebase, Prisma ORM

AI & ML: Groq API, Claude API (claude-sonnet), PyTorch, Pandas, NumPy, NLP, Claude Code

Cloud & DevOps: Vercel, Netlify, Docker, Linux Mint, AWS-compatible deployments

Practices: Agile, sprint planning, code reviews, GitHub workflows, CI/CD, SDLC, clean architecture

KEY PROJECTS

AI-Powered Developer Portfolio (React 19 + Tailwind CSS v4 + Framer Motion + Groq API)

- Built a full portfolio platform featuring “Smith,” an embedded AI assistant powered by the Groq API and Claude code with streaming chat, custom markdown rendering, and dark sci-fi aesthetic.

Sasbo AI Symposium 2026 Website (Next.js 15 + TypeScript + Tailwind CSS v4 + Netlify)

- Delivered a professional event platform with animated particle network, countdown timer, scroll animations, and Netlify deployment - presented live to and approved by client.

AI Global Networks Landing Page

- Live AI company landing page website - production deployed, protecting credentials and handling real user traffic.

REFERENCES

Mr Blaine D Cook – Founder and CEO of AI Global Networks

Phone: (+27)63 691 4619

Mrs RAMCWANA NP - Former System Analysis & Design Lecturer

Phone: (+27)71 760 3966

Mr NEVONDO S - Principles of Computer programming and Computer Programming Lecturer

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