

Sihle Gqeza

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Professional Summary

Self-taught and highly motivated Full Stack Web Developer specializing in JavaScript technologies and MERN stack development. Experienced in building scalable web applications, authentication systems, and responsive user interfaces. Strong understanding of modern development tools, cloud storage integration, and RESTful APIs.

Brings a unique problem-solving mindset shaped by mechanical, construction, and technical experience. Passionate about using technology to solve real-world problems and currently building digital platforms aimed at improving information access and economic opportunities in local communities.

Technical Skills

Frontend Development: HTML5, CSS3, Tailwind CSS, JavaScript (ES6+), Responsive Web Design

Backend Development: Node.js, Express.js, MongoDB, REST API Development, JWT Authentication, Firebase Authentication

Cloud & Tools: AWS S3, Git & GitHub, Visual Studio Code, Postman, Netlify Deployment

Development Strengths: MERN Stack Development, Authentication Systems, CRUD Operations, API Integration, UI/UX Optimization

Projects

MERN Stack Blogging Platform

Built a full-stack blogging platform supporting user authentication via email/password and Google login. Developed blog publishing, editing, searching, and filtering functionality. Integrated AWS S3 for image upload and storage. Implemented Firebase Admin for authentication. Built trending blogs, latest posts, and user profile management. Designed frontend inspired by modern news platforms.

Live Website: <https://sterkspruit.netlify.app>

Personal Developer Portfolio

Designed and developed a responsive portfolio website to showcase projects and skills. Demonstrates clean UI design, structured code organization, and responsive layouts.

Work Experience

Engine Mechanic – BSR Workshop, Roodepoort (2020 – 2023)

Diagnosed and repaired vehicle engines and mechanical components. Performed troubleshooting and maintenance tasks. Strengthened analytical thinking and technical problem-solving skills.

Construction Worker – Various Residential Projects

Assisted in building residential homes and site preparation. Developed teamwork, planning, and project execution skills.

Automotive Repair Experience – Home Workshop

Assisted in engine and vehicle repairs, developing hands-on mechanical troubleshooting skills.

Education & Professional Development

Self-taught Software Development (Ongoing)

Currently studying MERN Stack Web Development

Currently learning Chinese (Mandarin)

Certifications

Responsive Web Design Certificate – freeCodeCamp

JavaScript Algorithms and Data Structures Certificate – freeCodeCamp

Languages

Xhosa (Home Language), Zulu, English, Sotho, Currently learning Chinese

Career Objective

To secure a Web Developer role where I can contribute to building scalable and impactful digital solutions while growing as a full-stack developer. Long-term goal is to build technology platforms that support local economic development and community innovation.

Personal Strengths

Strong analytical and troubleshooting ability, Self-disciplined and quick learner, Passionate about technology and innovation, Adaptable across technical and practical industries, Strong

collaboration and communication skills