Fidel Niyidukunda

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Website: https://fidel-devprojects.vercel.app/

GitHub: https://github.com/Niyidukunda

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Professional Summary

I am an IT professional with over 3 years of hands-on experience in web development, frontend and backend design/implementation, and educational technology. I build websites and online learning platforms, focusing on creating simple and effective solutions for users. My background includes WordPress development, SEO optimization, network infrastructure, and delivering coding and technology support to students. I recently created a system that keeps my CV and professional profile up to date automatically using GitHub, demonstrating expertise in automation and single source of truth design patterns.

Work Experience

IT Administrator & Course Facilitator – BSG and Technologies

Feb 2025 – Present

- Created and maintained SEO-friendly websites and LMS portals using WordPress, including custom post types and responsive templates
- Developed site components using HTML, CSS, PHP, and JavaScript ensuring responsive and mobile-first web designs
- Conducted performance analysis using SEO tools and provided reports on digital engagement and site visibility
- Coordinated updates to Tutor LMS plugins, backups, and content consistency across multiple platforms
- Collaborated with educational teams to align content strategy and user experience with best web practices
- Supported cloud-based DNS, email, and web services through Linux server environments, cPanel, and Google Workspace

IT Support Technician – del IT & Web

April 2022 – Feb 2025

- Designed and hosted client websites using WordPress, Elementor, and integrated SEO tools

- Customized themes, installed plugins, and configured hosting environments (Hostinger, GoDaddy, Webway)
- Provided WordPress training and managed content for business clients, improving web visibility and indexing
- Created promotional web pages and mailers for clients' digital campaigns
- Used GIMP and Photoshop for image editing and content creation
- Managed Linux tasks (permission management, FTP setup, CLI usage) for site deployment

Private Tutor –

February 2016 – March 2022

- Provided academic support in Mathematics and Sciences to high school and college students
- Built strong client relationships and improved learning outcomes through personalized strategies
- Developed learner-centred schedules and progress tracking systems

Educator & ICT Lab Assistant – Kwa-Giba High School

April 2009 – December 2012

- Supported ICT Department and coordinated lab activities
- Installed and maintained lab hardware and software
- Ensured secure systems through antivirus deployment, firewall setup, and user access controls
- Delivered full-time classroom teaching in Mathematics and Sciences

Featured Projects

Professional Profile Automation System

Legendary automation system with GitHub as single source of truth for managing professional materials across platforms

Technologies: Node.js, GitHub Actions, JSON, HTML/CSS, Git, Automation

Highlights:

- Single source of truth architecture: Update once, deploy everywhere
- Automated CV generation with responsive HTML design and LinkedIn optimization
- GitHub Actions workflow for continuous integration and deployment
- Amateur-friendly documentation with 60%+ success rate for new users
- Demonstrates technical skills while solving real-world professional needs

Purpose & Perspective Blog

Full-stack blog application with intelligent fallback systems and comprehensive security features

Technologies: Node.js, Express, MongoDB, EJS, Security Implementation

Highlights:

- Dual-storage architecture ensuring 100% uptime
- XSS protection and rate limiting implementation
- Auto-retry connection logic with health monitoring

Floral Kingdom Tours

Headless CMS tourism platform with React frontend and WordPress backend

Technologies: React, WordPress, Tailwind CSS, Vercel, REST API

Highlights:

- Environment-aware API integration with fallback handling
- Responsive carousel with mobile optimization
- Complete booking system with form validation

Learning Management Systems

Educational platforms with course management and student progress tracking

Technologies: WordPress, Tutor LMS, Educational Technology

Highlights:

- Supporting 50+ students in remote and underserved backgrounds
- Real-time user feedback integration
- Offline/online sync capabilities

Kubernetes Learning Journey

Hands-on learning journal documenting containerization and orchestration exploration

Technologies: Kubernetes, Docker, Linux, DevOps

Highlights:

- Complete setup guides for Minikube and kubectl
- Practical deployment experiments and troubleshooting
- ConfigMaps and Secrets implementation documentation

See all projects and repositories: https://github.com/Niyidukunda?tab=repositories

Technical Skills

Programming & Web Development

Frontend: HTML, CSS, JavaScript, React, EJS, Tailwind CSS
Backend: Node.js, Express.js, PHP
Databases: MongoDB Atlas, SQL, MySQL

Infrastructure & Cloud

Operating Systems: Windows, macOS, Ubuntu Linux
Cloud: Azure, GCP, DNS, VMs, IAM
Networking: TCP/IP, OSPF, RSTP, VPN, Firewalls

CMS & Digital Tools

CMS: WordPress, Headless CMS, Custom Post Types
SEO: Yoast, Rank Math, Google Analytics
Design: Photoshop, GIMP, Elementor

Education & Certifications

CompTIA Certifications (2021–2024): A+, Network+, Security+, Cisco CCNA

Web Technologies: WordPress Development, Kubernetes LFS250, KCNA

Durban University of Technology (2012–2015): S4 Electronic Engineering (Pending In-service Training)

Command Secondary School (2004): National Certificate (Matric)

Languages

English: Fluent | **isiZulu:** Conversational | **French:** Conversational

References

Thando B. Gumede – CEO, BSG and Technologies | Alumni of KwaGiba High School 2009
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