Siyamthanda Dlakavu

Full Stack Developer

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Professional Summary

- Junior Full Stack Developer & Project Coordinator specializing in Angular, TypeScript, C#, and .NET.

- Leveraging AI and generative tools to reduce development time by 25% and accelerate delivery; builds responsive single-page applications (SPA) with 95%+ mobile responsiveness, designs secure RESTful APIs.

- Former IT Administrator with hands-on experience with supporting 3+ systems and cloud fundamentals, bridging development and operations to deliver scalable, maintable solutions.

Professional Background

CodeAlpha   Remote
App Development   2026-03 - Present

Mobile App Technologies

- **Integrated RESTful APIs** to connect frontend interfaces with backend services for real-time data synchronization.
- Leveraged **AI-powered development tools** to automate code suggestions and accelerate debugging during daily tasks.

Mobile (Responsive) UI/UX Design Principles

- Applied **responsive UI/UX design principles** to create adaptive layouts that scale seamlessly across smartphones, tablets, and various screen sizes.
- Translated **Figma prototypes** into pixel-perfect, interactive mobile interfaces with a strong focus on touch targets and accessibility standards.
- Implemented dynamic **content reflow and flexible grid systems** to ensure consistent user experiences across all devices.
- Participated in **usability reviews** to refine visual hierarchy and improve overall navigation flow.

App Development Lifecycle & Best Practices

- Participated in the **Agile development lifecycle**, including daily stand-ups, sprint planning, and retrospectives.
- Followed **industry best practices** by writing clean, maintainable code and conducting regular peer code reviews.
- Managed all code contributions using **Git for version control**, adhering to branching strategies and commit conventions.
- **Documented** all features and APIs thoroughly to support long-term maintainability and knowledge transfer.

Tiye Technologies   Johannesburg, Gauteng
Junior Full Stack Developer & Project Coordinator   2025-10 - Present

- Developing dynamic, user-centric web applications leveraging AI and Generative AI tools.
- Converting Figma wire-frames to responsive front-end interfaces using Angular.
- Creating structured, scalable single-page applications (SPAs) with Angular and manage application state using RxJS
- Developing RESTful APIs and server-side logic using .NET and ASP.NET Core.
- Implement secure authentication and authorization protocols for back-end services.

Sysslan IT Solutions   Remote
Web Development Intern   2026-02 - 2026-03

- Completed intensive upskilling certification in modern web technologies and development practices.

- Collaborated on understanding core web technologies, design principles.

- Applied learned concepts to build proof-of-concept applications demonstrating full-stack capabilities.

- Applied industry-standard development workflows to deliver functional web solutions.

CapaCiti Talent Development Accelerator   Johannesburg, Gauteng
Software Developer (Graduate Accelerator Programme)   2025-04 - 2025-10

- Developed foundational knowledge in AI and Machine Learning concepts.

- Explored Deep Learning techniques for modern software solutions.

- Developed full-stack applications through hands-on projects.

- Acquired skills in website building and full-stack development processes.

- Enhanced technical communication and collaborative problem-solving abilities.

- Engaged with industry experts, mentors, and peers to build a professional network.

Strategnos   Bedfordview, Gauteng
Information Technology Administrator   2023-08 - 2024-10

- Oversaw installation and configuration of hardware and software systems.

- Provided first-level technical support to end-users.

- Installed and configured software across customer systems.

- Collaborated with sales department on technical solutions for device integration.

- Reported product performance trends and identified process improvements.

- Assisted in deploying and testing solutions across IT environments.

Tactile Technologies   Durbanville, Cape Town
Junior Workshop Engineer   2020-02 - 2022-07

- Performed diagnostics and repairs on touch screen monitors, computers, printers, scanners, and mobile devices.

- Loaded and configured customer software across multiple device types.

- Maintained customer satisfaction-focused approach in all technical interactions.

- Translated complex technical issues into accessible language for non-technical clients.

- Worked with sales department to align technical solutions with customer requirements.

- Submitted daily and weekly productivity reports documenting repairs completed.

- Collaborated with team members to share knowledge and improve workshop efficiency.

- Reported on product trends and high failure rates for manufacturer attention.

Richfield Graduate Institute of Technology   Cape Town, Western Cape
Systems Support (Work Integrated Learning)   2018-02 - 2018-06

- Installed and configured software and hardware for users.
- Assisted in managing network servers and provided support for network outages.
- Collaborated with IT team to troubleshoot issues.
- Documented technical procedures and support tickets for future reference.

Educational Background

Richfield Graduate Institute of Technology   Cape Town, Western Cape
Diploma in Information Technology   2016-02 – 2018-12

Soft Skills

Collaboration: Communication, Teamwork, Knowledge-Sharing.

Organization: Task Prioritization, Deadline Management.

Adaptability: Embracing New Tools, Flexibility Across Technologies.

Languages

English - Fluent

Tech Stack

Languages: HTML5, CSS3, JavaScript.

Frameworks: React, Angular.

Library: Bootstrap, Tailwind CSS.

Backend Development: C#, ASP.NET Core, .NET, Node.js

Database: MySQL, MySQL Server.

Version Control: GitHub, Collaborative Workflows.

Development Tools: VS Code, Figma.

Deployment: Netlify, Vercel, Render, GitHub Pages.

API & Testing: Swagger.

Accomplishments

Leveraged AI tools to boost development efficiency by 25% while building responsive Angular/.NET applications, optimizing MySQL queries by 20%, and deploying full-stack projects including a sentiment analysis tool and mental wellness platform.

Website Designer (Freelance)

- Designed and launched a brand identity website for a professional client, transforming her business concept into a digital presence that effectively showcased her services to her target audience.
- Developed custom portfolio websites for 5+ students, helping them present academic projects and secure internship opportunities.
- Translated client ideas into fully functional websites without prior templates, delivering tailored solutions for individuals with no technical background.
- Built responsive, user-friendly portfolio sites that improved students' ability to showcase their work to potential employers.

Tiye Technologies (Oct 2025 - Present)

- Leveraged AI and Generative AI tools to improve development efficiency by 25%** while building dynamic, user-centric web applications.
- Developed responsive front-end interfaces achieving 95%+ mobile responsiveness, across all applications using HTML, CSS, and JavaScript.
- Created structured, scalable single-page applications using Angular with RxJS for efficient state management.
- Built and maintained RESTful APIs handling 3 concurrent requests** using .NET and ASP.NET Core with secure authentication protocols.

Sysslan IT Solutions (Feb 2026 - March 2026)

- Enhanced user interface responsiveness by implementing modern CSS frameworks, reducing page load times by an estimated 20% during prototype testing.
- Successfully translated design wire-frames into functional web pages using [HTML/CSS/JavaScript], ensuring pixel-perfect alignment with project specifications.
- Debugged and resolved critical front-end issues across multiple test cases during the proof-of-concept phase, contributing to a stable and functional demo environment.

Certifications

- Introduction to Generative AI – 2025-07
- Introduction to Artificial Intelligence (AI) – 2025-08

- Getting Started with Git and GitHub – 2025-12

- Introduction to HTML, CSS, & JavaScript – 2025-12

- Introduction to Software Engineering – 2025-12

- Developing Front-End Apps with React – 2025-12

- Developing Back-End Apps with Node.js and Express – 2025-12

Hobbies & Interests

- **Building personal projects** - Exploring new technologies by developing side projects and experimenting with full-stack applications.
- **Freelance web design** - Creating custom websites and portfolios for clients and students on a project basis.
- **Continuous learning** - Regularly taking online courses to stay updated with emerging tech (AI, cloud computing, modern frameworks).
- **Tech blogging** - Documenting coding journeys, lessons learned, and project breakdowns.
- **UI/UX exploration** - Experimenting with Figma and design systems to improve user-centered development.