

Sibusiso Nkabinde

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Summary

Software Developer with 2+ years hands-on experience building and deploying responsive software. At Idea Pioneers, automated secure PDF payslip distribution for multiple recipients monthly, implemented real-time APIs/webhooks for alerts, and managed deployments on AWS, Google Cloud, and cPanel. Holds Microsoft Certified: Azure Fundamentals (AZ-900) and NQF5 from WeThinkCode_. Passionate about scalable backend solutions and cloud infrastructure eager to contribute to innovative teams.

Experience

Software Developer | Idea Pioneers

March 2024 – January 2026

- Translated Figma/Adobe XD designs into responsive, production-ready websites using **HTML, CSS, JavaScript** for frontend, and **Python Flask** or **Node.js** for backend logic, delivering pixel-perfect implementations that met client specifications.
- Developed advanced, database-driven forms and analytics dashboards integrated with **Firebase** for real-time data storage and retrieval, enabling dynamic user interactions and insightful reporting features.
- Automated monthly PDF payslip encryption and secure distribution process using custom **Python** scripts, APIs, and encryption libraries; streamlined delivery to multiple recipients while ensuring data privacy and compliance.
- Built and maintained **RESTful APIs** and **webhooks** to provide real-time notifications (e.g., form submissions, website downtime alerts), improving operational responsiveness and reducing manual monitoring efforts.
- Deployed and managed full-stack web applications on cloud platforms including **AWS** (e.g., EC2, Elastic Beanstalk), **cPanel** shared hosting, and temporary **Google Cloud** virtual machines, handling configuration, scaling, and uptime optimization.
- Collaborated on full software development lifecycle tasks in an agile environment, including debugging, version control with Git, testing, and iterative improvements to enhance application performance and reliability.

Education

Cloud Administrator | Mecer Inter-Ed

June 2025 - September 2025

- Hands-on training in Microsoft Azure cloud infrastructure administration with practical labs simulating enterprise environments.

- Focused on AZ-104-aligned skills: managing Azure subscriptions, identities (Azure AD), virtual networks, storage, compute resources, security, governance, monitoring, and backups.
- Explored Dynamics 365 Finance and Operations (MB-300/MB-310 concepts) for cloud-based business process management and ERP solutions.
- Developed foundational cloud administration competencies to support deployment, scaling, and maintenance of web and backend applications.

Certifications

Microsoft Certified: Azure Fundamentals (AZ-900) | Microsoft

September 2025

- Validated understanding of cloud concepts, core Azure services (e.g., compute, networking, storage), management/governance features, security, compliance, pricing, and SLAs.

Information Technology: Systems Development (NQF5) | WeThinkCode_

September 2022 - December 2023

- Intensive, project-based full-stack curriculum in a peer-to-peer learning environment, emphasising backend development and market-relevant skills.
- Mastered core backend and web technologies: **Python** and **Java** for server-side logic, **JavaScript** for interactive front-ends, **SQL** for database management.
- Built and integrated RESTful APIs, data models, and secure backend services in collaborative projects, focusing on scalability and clean architecture.
- Developed full-stack web applications connecting responsive UIs (HTML/CSS/JS) to robust backend systems with database persistence.
- Cultivated strong problem-solving, debugging, and Agile methodologies through iterative development cycles and team-based delivery.

National Senior Certificate (Matric / Grade 12) | Zimisele Secondary School

December 2017

- Subjects: Mathematics, Physical Sciences, Life Sciences, Geography

Recent Projects

- **WhatsApp Gemini Auto-Reply Bot** Personal WhatsApp automation tool that generates contextual, natural replies using Google Gemini AI.
GitHub: <https://github.com/GiftSibusiso/Whatsapp-Gemini-Bot.git>
- **Lekker Mail** Comprehensive email management platform designed to streamline communication workflows.
View Project: <https://lekkermail.live>

- **URLYZE** Custom software solutions & web development agency website with service offerings and client project management dashboard.
View Project: <https://urlyze.co.za>
 - **Edu Connect** Educational platform connecting students with resources and learning materials.
View Project: <https://giftsibusiso.github.io/edu-connect/>
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Skills

- **Programming Languages:** Python, JavaScript, Java, Dart, SQL, C#
 - **Cloud & Infrastructure:** Microsoft Azure (VMs, Networking, Storage, Identity Management), Basic Cloud Security
 - **Frameworks & Tools:** Git, GitHub, REST APIs, Webhooks, Agile/Scrum
 - **Development Practices:** Full-Stack Development, Responsive Web Design, System Debugging & Optimization, OOP
 - **Certifications:** Microsoft Certified: Azure Fundamentals (AZ-900)
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References

Sue-Ann Botes

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