Sphamandla Gracious Nkuna

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CAREER OBJECTIVE

Innovative and self-motivated Computer Science graduate passionate about software engineering, cloud-native architecture, and AI-driven solutions. Eager to apply strong analytical skills, problem-solving ability, and modern engineering practices within Sanlam's Data, AI and Engineering Academy. Seeking to grow expertise in software development, integration, and DevOps while contributing to impactful, client-centric digital products.

EDUCATION

University of Kwazulu-Natal   ***Completed: December– 2024***
Bachelor's Degree in Computer Science and Information Technology

TECHNICAL SKILLS

- **Programming languages:** Java, C#, Python, C++, HTML, CSS, SQL
- **Frameworks & Tools:** Spring boot 3, Spring framework 6, .NET , Docker
- **Cloud Platforms:** Basic knowledge of AWS and Azure cloud services
- **Databases:** MySQL, PostgreSQL
- **Concepts:** Cloud-native architecture, Infrastructure as Code, Agile software development, CI/CD pipelines
- **Version Control:** Git, GitHub

CERTIFICATIONS

- *Spring Framework 6 and Spring Boot 3* – 2025 - Udemy | *View Credentials*
- *Rest Api (Intermediate) - Hacker Rank* | *view credentials*
- FNB App Academy – IT varsity
- JAVA – Hacker Rank | view credentials

PROJECTS

Movie Booking App | Spring Boot | Java | Postman **|** PostgreSQL   ***July - 2025***
- Built a REST API backend for booking and managing movie tickets.
- Defined entities for users, movies, showtimes, and reservations
- Implemented secure endpoints using Spring Security

Web-Based DJ Booking   ***November - 2024***
- Designed and developed a fully functional web application for booking DJs, using **HTML, CSS, Bootstrap, C#, and ASP.NET.**
- Integrated **MySQL** as the backend database for managing DJ profiles, client bookings.
- Implemented search, filter, and calendar features for client and DJ convenience.
- Demonstrated knowledge of full-stack development and database design.

PROFESSIONAL EXPERIENCE

Computer Science Tutor | Company Name | University of Kwazulu-Natal   ***2024 FEB – 2024 DEC***
- Supported students in programming, algorithms, and software development fundamentals.
- Delivered tutorial sessions enhancing analytical and problem-solving skills among undergraduates.

Core Competencies

- Strong analytical and problem-solving skills
- Passion for cloud technologies, software engineering, and AI integration
- Ability to manage multiple tasks and deadlines effectively
- Client-centric mindset and collaborative team player
- Open to feedback and continuous personal growth
- Innovative thinking and decision quality

REFERENCES

Bongu Menzi Simelane | Software Engineer | 0647765975 | bongumenzi.simelane@entelect.co.za