# Sphamandla Gracious Nkuna

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## CAREER OBJECTIVE

Computer Science and IT graduate seeking a Software Developer role. Proficient in Java, Spring Boot, C#, ASP.NET, Python, SQL, and web technologies (HTML, CSS, Bootstrap). Experienced in building REST APIs, full-stack applications, and database-driven solutions using MySQL and PostgreSQL. Eager to contribute to agile development teams, deliver scalable applications, and continue learning in a fast-paced tech environment.

## 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:** Spring boot 3, Spring framework 6, ASP.NET
- **Tools**: Docker
- **Databases:** MySQL, PostgreSQL
- **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

**Company Name** | University of Kwazulu-Natal                                      ***2024 FEB – 2024 DEC***

### Tutor

Provided academic support to undergraduate Computer Science students by facilitating tutorials, assisting with practical's, and guiding students in understanding core programming and systems development concepts.

- Delivered structured tutorial sessions for **Python programming** to first-year students, reinforcing key programming concepts and improving problem solving skills
- Tutored **Data Structures and Algorithms** to second-year students, assisting with complex problem-solving techniques and algorithm optimization.

## REFERENCES

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