

BRIAN SOKHELA

SOFTWARE ENGINEER ASPIRANT

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Website

GitHub

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PROFILE

I am a recent BSc in Information Technology graduate from the University of Johannesburg with a software engineering background. I build robust solutions using Java, Python, Django, and C#, and maintain a strong interest in cybersecurity. My objective is to develop secure, high-impact systems and accelerate my growth as a technical contributor within the IT sector.

EDUCATION

University of Johannesburg

2025

Johannesburg, South Africa

BSc in Computer Science & Informatics (Software Engineering)

EXPERIENCE

Community Engagement Intern

Feb 2025 – Oct 2025

University of Johannesburg Community Engagement | Part-Time

Johannesburg, South Africa

- Developed and implemented an automated volunteer management system using Microsoft tools (Excel, Power Automate) to streamline registration, tracking, and reporting processes.
- Created a dashboard for data visualization and reporting to enhance decision-making and community engagement insights.
- Conducted monitoring and evaluation (M&E) by designing data collection tools, analyzing program outcomes, and generating reports to measure impact and inform continuous improvement.
- Managed volunteer programs, facilitated communication, and improved efficiency in handling queries, feedback, and hour tracking.
- Proficient in database management, workflow automation, and data analysis to optimize operations.

Student Assistant, Volunteer Champion Ambassador

Feb 2024 – Oct 2024

University of Johannesburg Community Engagement | Part-Time

Johannesburg, South Africa

- Promoted volunteerism and coordinated community service initiatives to foster university-community relationships.
- Managed events and collaborations with local organizations using Microsoft 365 tools, primarily Excel, for project efficiency and data handling.

Software Development Intern

July 2024 – Aug 2024

Prodigy InfoTech (Educational Internship) | Work Integrated Learning

Remote

- Took part in a hands-on software development internship, applying my Python and Django skills.
- Worked with teams to develop software solutions.
- Gained practical experience in Django development.

PROJECTS

Community Engagement Management System

A comprehensive two-tier Django REST API and frontend system for managing volunteer registration, project tracking, NPO applications, scheduling, and analytics.

Individual Effort

Meal Distribution Web App

A web application built with Django for managing meal distribution schedules, real-time code verification and inventory adjustments, beneficiaries, inventory, and reporting to ensure efficient food delivery operations.

Live Demo Individual Effort

NREP Catering Management System

An end-to-end catering management platform that handles orders, menus, staff scheduling, and client management, designed for operational efficiency and scalability.

Team Effort

VOLUNTEERING

Student Volunteer & Project Leader

Jan 2023 – Oct 2025

University of Johannesburg Community Engagement

Johannesburg, South Africa

- Led community service initiatives, coordinating activities for local communities and NPOs.
- Guided a team of volunteers, achieving over 325 service hours.
- Recognized for impact, ranking 8th for UJ and 2nd for Kingsway Campus.
- Received a certificate of participation.

Head Tutor Math & Physics

Feb 2023 – Oct 2025

Classroom Buddies Organization

Johannesburg, South Africa

- Tutored and mentored high school students in Mathematics and Physics, significantly improving their understanding and academic performance.
- Led as Head Tutor for Physics, contributing over 220 volunteer hours.
- Awarded a certificate of participation for exceptional dedication and impact.

SKILLS & COMPETENCIES

Programming Languages

Python Java JavaScript C# SQL

Visual Basic

Frameworks & Technologies

Django Rest Framework Django

Spring Boot React ASP.Net FastAPI

Development Tools

Git Visual Studio PyCharm Docker

Software & Platforms

Microsoft 365 (Excel, Power Automate, Power BI)

PostgreSQL

Core Competencies

Database Management Data Analysis

Process Optimization

Workflow Automation

Full-Stack Development Data Visualization

Leadership Team Collaboration

Project Management

Stakeholder Engagement

ADDITIONAL INFORMATION

Code 10 driver's license

Completed over 650 volunteer hours across various projects and programs

Ranked 8th for university-wide community engagement, University of Johannesburg

Received certificates of participation for leadership in community service and tutoring

REFERENCES

Ms. Fiona Mahlori

Senior Manager, Community Engagement, University Relations

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Mr. Christian Kayembe

Director, Classroom Buddies Organization

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