

Bonolo Gaosenkwe

Back-End Developer

Full Name: Bonolo Kenton Gaosenkwe

Nationality: South African

Gender: Male

Education

- Software Engineer from HyperionDev, 2023
- High School Diploma from Dikgatlong High School, 2013

Certificates

- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Administrator Associate
- Microsoft Certified: DevOps Engineer Expert
- Microsoft Certified: Azure AI Engineer Associate
- Microsoft Certified: Azure IoT Developer Specialty

Technical Skills

HTML5

Python

AWS

CSS

Node.js

Azure

JavaScript

Git

SQL

Bootstrap

GitHub

MySQL

Django

Docker

PostgreSQL

Experience

EUC Support Engineer at IT Naledi Solutions(Momentum Metropolitan)

- The provision of application and OS maintenance and support services, either directly to users of the systems or to service delivery functions.
- Extensive diagnostic information gathering, troubleshooting, problem analysis and resolution.
- Investigation and resolution of issues and may also include performance monitoring.
- Providing advice or training to users, by devising corrections (permanent or temporary) for faults.
- Making general or site-specific modifications.
- Close collaboration with colleagues specialising in different areas, such as Database administration or Network support, vendors and third-party support providers.

HyperionDev, Remote

- Good software development skills, including knowledge of software design patterns, data structures, and algorithms.
- Proficient in Python, HTML, CSS, and Django.
- Proficient in ObjectOriented Programming and experienced in Agile development methodologies.
- Acquainted with Natural Language Processing techniques.
- Skilled in interacting with databases using SQL and MySQL.

Projects

Weather App

- Independently developed a weather application using Node.js, Express, Axios, and EJS to provide real-time weather data.
- Integrated OpenWeatherMap API for dynamic weather updates, including temperature, humidity, and wind speed.
- Implemented robust error handling for user-friendly feedback on invalid inputs and API errors.
- Designed and styled the application UI with dynamic weather icons and responsive CSS.
- Secured API keys using environment variables for safe and effective configuration management.

Read-Book (Back-End)

- Developed a Python-based bookstore management system with functionalities to add, update, delete, and search books in an SQLite database.
- Utilized SQLite for efficient data storage and retrieval, ensuring seamless integration with Python programs.
- Implemented a user-friendly CLI for bookstore clerks to manage book inventory with ease.
- Employed Visual Studio Code and Python 3.11.4 to build and maintain the project.
- Ensured robust database connectivity and operations by effectively using the sqlite3 library and handling potential issues with virtual environments.

Experience

Trainee (Microsoft Azure Courses) at Motse Innovation Centre, Remote

- Up-skilled IT graduates on Microsoft courses.
- Participated in softskills workshops and presentations.
- Managed virtual classes, data compilation, spreadsheet updates and reports.
- Recruited over 100-200 IT graduates for Microsoft courses via phone and email.
- Oversaw the progress of successful candidates throughout the course period up to the examinations.

Interest and Hobbies

- **Fitness and Outdoor Activities:** Enjoys walking, participating in sports like football or basketball.
- **Technology and Gaming:** Enthusiastic about the latest tech gadgets, gaming consoles.
- **Traveling and Adventure:** Loves exploring new destinations, experiencing different cultures, and engaging in adventure sports.
- **Music and Arts:** Enjoys attending live concerts, or appreciates art and photography.
- **Social and Volunteer Activities:** Participates in community service, networking events, or social gatherings with friends and family.