-

BENJAMIN NGOVI MUNYASYA

PERSONAL DETAILS

Nationality	:	Kenyan
Languages (Proficient)	:	English, Swahili
Email Address	:	*benngovi47@gmail.com*
ID Number	:	37174081
Address	:	1121 – 00600
City	:	Nairobi
Phone	:	0741433144 / 0706218020

Career Objectives.

- ❖ To be an astute learner who's among the best performers in an organisation through hard work, consulting, perseverance and research.
- ❖ A motivated individual with in-depth knowledge of languages and development tools, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope to develop my own skills.
- ❖ Searching for a challenging position as a software engineer to utilise my tech and design skills for software program development, testing and quality management.
- ❖ Analytical-minded and creative team player with a strong background in designing, planning, maintenance of software programs, and business analytics. To hone my technical skills and expertise along with designing creative software and products as per the clients' needs and enhance the reputation of your organisation.
- ❖ An individual with a keen interest in Software programs, possessing good interpersonal and analytical skills, who wishes to use technical knowledge catering to the needs of the company. I wish to work with a diverse group of people and see myself heading a group of people over a 1-year duration in the company.
- ❖ An individual with a keen interest in Software programs, possessing good interpersonal and analytical skills, who wishes to use technical knowledge catering to the needs of the company. I wish to work with a diverse group of people.
- ❖ To build an innovative career in a tech organisation through my skills, experience and my other significant talents.

Key Professional Areas.

- Networking with Cisco Switches and Servers.
- Database Management with Oracle, MySQL , postgreSQL, etc.
- Data Analytics and Visualization with Python.
- Hosting And deploying applications on the Linux And windows production servers.
- Software and Hardware troubleshooting.
- Cyber Security and Penetration testing.
- Business Process Management and Analysis.

-
- Website Development (Python – Django, JavaScript, PHP, HTML/CSS, React JS, bootstrap(3,4,5))
    - Software Development (Python, JavaScript, PHP, React JS)
                    Search Engine Optimization (SEO) and Google ads on Google Adsense.
- Program Writing/coding with Python & JavaScript.
    - Structured Programming with C++, C.
- Network Programming with Python.
- Desktop Application Development with Python Tkinter and Pyqt5

- ICT user Support and Front desk and customer care services.
- Data entry (Automated Data Entry with python Scripts)
- Shop attendant services
- Counter sales and marketing
- Analysing data and report writing with Tableau and Pandas
- Reporting, research and data analyses.

Competencies.

- Good communication skills
- Team player and result oriented.
- Excellent problem solving skills
- Self-motivated, energetic and dynamic.
- Customer management experience.
- Ability to work with little supervision, in diverse conditions and cultures.
- 40 WPM typing speed
- Planning and organisational skills
- JIRA & Slack Competent
- Structured & Object Oriented programming skills
- Logical Thinking & Problem solving
    - Excellent New Topic / Field Research Skills

Work experience

1. **Kenya WildLife Service**
    (May 2022 - To date)
    Role: **Applications Developer (Fullstack)**

    Duties and responsibilities:
    - Consistently create well-designed, tested code using best practices for web—app development, including mobile and responsive site design.
    - Create websites and user interfaces, using standard HTML/CSS practices, while incorporating data from back-end databases and services.
    - Create and maintain workflows with teams to provide visibility and to ensure workload balance for consistent visual designs.
    - Develop or validate testing schedules, addressing all browsers and devices to ensure various computers can access content.
    - Maintain updated knowledge of new and emerging industry trends and technology.

-
- Meet regularly with business stakeholders and management to understand and refine business and functional requirements and determine project scopes and specifications.
- Develop and maintain strategic operational systems, tools, and processes, including participation in tactical and strategic development projects.
- Ensure software stability via regression, support quality assurance, and perform unit and user-acceptance testing to identify bugs and ensure production operations run successfully.
- Work quickly and carefully to complete small edits requested by Users, develop plans for completing larger projects, collaborate with colleagues, and suggest new solutions to improve existing systems.
- Perform UI designs and coding, creating reusable objects and templates, wireframes for web   pages and email templates; manage maintenance, updates, expansions, and scaling of each design.

- Perform regular file backups to local directories for recovery.
- Database Structure with MySQL, Firebase, Maria DB, PostgreSQL. (Maintaining asset database, Human resource database, Budget Vote book, Community Reports Database and the sensitive security database
- Endpoints, Functions & API's Creation and Consumption

- Back-end integrations.
- Mpesa – Daraja API integration.
- Bulk SMS integration.
- Implement security and data protection solutions. (Ensuring every application hosted in the internal network in configured using production guidelines and protocols)
- Improve functionality of existing systems.(By modifying schemas abd input fields to ensure optimized usability and data accuracy)
- Test and debug programs. (Modifying of data collection system schemas to ensure data collected from the field is not too unclean.)
- Pulling data from the EARTHRANGER report entry system analysing it and building reports to support decision making at the various levels of the organisation.
- Coordinate with internal and third party consultant teams to understand user requirements and   provide technical solutions
- Business Process Management. Creating of Form approval workflows to efficiently manage approval processes like leave application and account user requisitions even from the field .(Successfully created a form approval workflow system to optimize Business processes)

-

IT Support

- Keep computer systems running smoothly and ensure users get the maximum benefit from them.
- Install and configure computer hardware operating systems and applications.
- Monitor and maintain computer systems and networks.
- Take staff or clients through a series of actions, either face-to-face or over the phone, to help set up systems or resolve issues.
- Troubleshoot system and network problems, diagnosing and solving hardware or software faults.
- Replace parts as required.
- Provide support, including procedural documentation and relevant reports.
- Follow diagrams and written instructions to repair a fault or set up a system.
- Support the roll-out of new applications.
- Set up new users' accounts and profiles and deal with password issues.
- Respond within agreed time limits to call-outs.
- Prioritise and manage many open cases at one time.
- Rapidly establish a good working relationship with Users and other professionals, such as software developers.
- Test and evaluate new technology.
- Conduct electrical safety checks on computer equipment.
- Database Management with MySQL & MS Access.
- Install and Configure Sunsystems and Visio software in the financial department

Other Responsibilities.

- Filling out Asset Transfer/Relocation forms
- Maintaining an asset maintenance database
- Filling Out an equipment inventory paperwork and filing
- Cable management
- Internet Installation in offices
- Maintenance of ICT helpdesk Ticketing software.

Education.

Institution	Course Details	Qualifications
Rongo University (2018-2022)	- BSc Computer Science	- 2nd Class Honors,Upper Division
St Charles Lwanga-KITUI (2014-2017)	- KCSE	- Grade B
Eastview Academy –MWINGI (2009-2013)	KCPE	-397 marks

-

Other Qualifications:

- ❖ Certificate in Business Analysis with Udacity Academy (Jan 2021)
- ❖ Certificate of Appreciation with Kenya Scouts Association (Oct 2013)
- ❖ Certificate of Merit with Ministry of Education for KITUI District Kenya Science & Engineering Fair (March 2016)

Leadership Roles

Secretary: Musuani Youth Group (Sep 2021 - to date)

Professional Achievements:

- ✔ Successfully modified numerous software applications that increased user-friendliness by 20%.

- ✔ Introduced a solid database and GUI for a House Rental Desktop application to identify user needs with 95% accuracy.

- ✔ Identified areas for modification and improvements within a short span of time.

- ✔ Led development of Water Billing App. Wrote 80% of the code, and reviewed the rest. Achieved excellent system stability.

- ✔ Refactored the software structure for a Data collection Application, increasing the cleanliness and integrity of the data collected by a large margin.

- ✔ Created an automated code pipeline, hence, increased allowance to move to a continuous delivery model.

- ✔ Developed a business intelligence dashboard that gave the front desk real-time visibility into inventory and procurement.

- ✔ Created a data analysis pipeline that increased program efficiency.

- ✔ Redesigned the Organisation's web-based application, providing information technology support throughout the tenure.

- ✔ Trained 15+ individuals in handling software development cycles, as part of their induction processes.

- ✔ Suggested advancement of security and confidentiality of data through the implementation of key processes and protocols.

- ✔ Single Handedly designed and developed a Business Process Workflow platform, which resulted in improved general performance.

- ✔ Planned high-end asset preventive maintenance software, thereby, improved the overall efficiency of company processes by 25%.

Co-curricular Achievements:

- ✔ Awarded Certificate of merit in participation of Kenya Science & Engineering Fair for attaining 3rd position in Computer project – 2016
- ✔ Awarded Certificate of Appreciation in honour of my dedication of service to the Kenya Scouts Association – 2013
- ✔ Awarded Certificate of participation in Regional Music Festivals in Nkubu

Hobbies & Interests

- Programming/Coding.
- Playing soccer.
- Charity work.
- Reading inspirational books.
- Taking nature walks.
- Cooking.
- Swimming.
- Research.
- Video Gaming

Referees

Name: Moses Waweru
Job Title: Senior Principal ICT Officer
Institution: Kenya WildLife Service
Cell phone Number: 0721514327

Name: Kennedy Otieno
Job Title: Database Analyst and Applications Developer
Institution: Kenya Wildlife Service
Cell phone Number: 0759299172

Name: Ian Victor
Job Title: GIS expert
Institution: Kenya Wildlife Service
Cell phone Number: 0710244800

Name: Bernard Omware
Job Title: Head ICT KWS
Institution: Kenya Wildlife Service
Cell phone Number: 0721403259