

# BILYAMINU BAWAN ALLAH

Monitoring and Evaluation | Multidisciplinary IT Specialist | Data Analyst | Web Developer

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## SUMMARY

A Computer Enthusiast, a problem solver with a deep passion for automation, and who would like to join a team of like-minded people, experienced in creating logical and innovative solutions to complex problems.

## SKILLS

Monitoring & Evaluation, Technical Support, Programming & Development, Data Analysis & Business Intelligence, IT Support & System Administration, Cloud & Deployment, Cybersecurity & Encryption

## EXPERIENCE

### Technical Assistant to Commissioner

#### Ministry of Budget and Economic Planning Sokoto

01/2025 - Present    Sokoto, Nigeria

- Developed and deployed key digital solutions, including the **Workplan Management System**, the **Ministry's Public Website**, and the **Partners & Projects Dashboard**, enhancing operational efficiency and transparency.
- Attended the **USAID States2States Q4 State Transformation Meeting** with the Commissioner, where I showcased the **dashboard and website** I developed for the ministry.
- Provided **real-time technical support** during high-level meetings to ensure seamless operation of digital tools and presentations.
- Managed the ministry's **social media presence**, improving communication and public engagement.
- Strengthened **data-driven decision-making** by enhancing the ministry's digital tools and dashboards.
- Collaborated with stakeholders to highlight the impact of digital transformation on government operations.

### Facilitator Capacity-Building Workshop on Data Management and Analysis

#### UNFPA

11/2024 - 11/2024    Sokoto, Nigeria

- Designed and led a **2-day intensive workshop** for **30 programme and M&E officers** from key ministries and agencies, including the **Ministry of Women and Children Affairs** and the **Ministry of Finance**.
- Provided hands-on training in **KoboToolbox** for setting up **data collection frameworks** and **KoboCollect** for efficient field data gathering.
- Delivered practical sessions on **Power BI** for data visualization and analysis, empowering participants to generate **actionable insights** for decision-making.
- Strengthened participants' ability to **manage field data**, conduct **in-depth analysis**, and create **analytical reports** for development projects.

### Technical Assistant to Director International Cooperation

#### Ministry of Budget and Economic Planning Sokoto

09/2024 - 01/2025    Sokoto, Nigeria

- Provided **technical support** for international collaborations and partnerships, ensuring **seamless communication** and coordination between stakeholders.
- Designed and maintained **databases** for tracking ongoing international projects, improving **monitoring and reporting** efficiency.
- Developed **performance dashboards** to track project deliverables, enhancing **data-driven decision-making**.
- Coordinated **ICT logistics** for international conferences and virtual meetings, ensuring smooth **technical operations**.
- Implemented **document management systems** to streamline information sharing within the department.
- Supported the implementation of **project management tools** for monitoring **timelines, budgets, and outcomes** of international initiatives.

### MEAL Officer

#### Freedom For Life Initiative

07/2022 - 06/2024    Sokoto, Nigeria

- Assisted in the development and implementation of **Monitoring, Evaluation, Accountability, and Learning (MEAL) frameworks** for the **Maternal Infant and Young Child Nutrition (MIYCN) project**, impacting **5,000+ households across 10 rural communities**.
- Designed and conducted **baseline, midline, and endline surveys**, collecting data from **1,200+ participants**, leading to a **20% improvement in child nutrition metrics over two years**.
- Implemented **real-time data collection tools** using **KoboToolbox**, increasing **data accuracy by 30%** and reducing **reporting time by 25%**.
- Produced **monthly and quarterly reports** for stakeholders, utilizing **Power BI** for **data visualization**, leading to **better decision-making and a 10% improvement in project efficiency** through optimized resource allocation.
- Trained **50+ field staff** on **MEAL methodologies**, improving **data collection and reporting compliance by 90%**.
- Facilitated **community-based participatory feedback mechanisms**, capturing insights from **1,500+ community members**, directly influencing **program strategy adjustments**.

## EXPERIENCE

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### Focal Person - North West

#### Nkafamiya Rescue Mission

📅 06/2024 - Present 📍 North West, Nigeria

- Leading the **organization's registration process in Sokoto**, ensuring full **compliance** with local and federal regulations.
- Coordinating **logistics and operational setup** for the organization's expansion into the **North-West region**, including **staffing, office setup, and local partnerships**.
- Engaging with **government authorities and key stakeholders** to facilitate the issuance of **permits and approvals**.
- Managing **documentation and communication** with headquarters, streamlining **organizational processes** in the region.

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### IT Support Specialist

#### Shari'a Court of Appeal Sokoto

📅 06/2020 - 06/2024 📍 Sokoto, Nigeria

- **Upgraded 30+ systems** from Windows 7 to Windows 10 using **Microsoft Deployment Toolkit (MDT)** in alignment with **organizational IT policies**.
- **Implemented PDQ Deploy** to streamline **Office 2007 to Office 2019 upgrades**, minimizing user disruption.
- **Configured, installed, and managed 5 UniFi access points**, enhancing **network coverage and connectivity**.
- Developed and implemented a **Windows security patching script**, ensuring systems stay **up-to-date and secure**.
- Conducted **cyber hygiene training sessions** for staff, reducing **cyberattacks and virus outbreaks by 100%**.
- Introduced and implemented the **Spiceworks ticketing system**, improving **support request tracking and resolution efficiency by 90%**.
- Developed an **IT Equipment Maintenance Model**, improving **equipment health and longevity by 90%**.
- **Coordinated meeting logistics**, ensuring smooth **room setup and technology integration**.
- Maintained **Active Directory implementations, group policy configurations, and optimized network performance** in Windows Server environments.
- Managed **backup and restore procedures**, ensuring **data integrity and business continuity**.
- Implemented a **vulnerability scanner** to regularly scan the network and report incidents.
- Provided **comprehensive support for hardware, software, network (LAN/WAN), and server issues**.
- Troubleshooted and resolved **UPS and printer malfunctions**, minimizing downtime and ensuring **seamless office operations**.
- Designed and standardized **email signatures**, ensuring **professional branding** and resolving signature formatting issues.

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### Data Entry Officer - Volunteer

#### Human Rights Commission Sokoto

📅 03/2019 - 03/2020 📍 Sokoto, Nigeria

- Performed **accurate and efficient data entry**, ensuring the **integrity of sensitive information** supporting the Human Rights Commission's mission.
- **Managed and organized large datasets**, ensuring accessibility and security in compliance with **internal procedures**.
- Contributed to **timely data analysis** by verifying and preparing data for reports, aiding **informed decision-making**. Demonstrated **commitment to human rights advocacy** through voluntary service, supporting the organization's mission.

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### Computer Aided Design Designer - Intern

#### EDGE Meter Corp

📅 09/2018 - 03/2020 📍 Nevada, USA

- Provided **CAD support**, assisting in **creating and modifying complex technical drawings and 3D models**.
- Gained proficiency in **Autodesk Fusion 360**, rapidly adapting to company-specific **workflows and design practices**.
- Applied classroom **engineering principles** to **real-world design challenges** within the **CAD environment**.

## EDUCATION

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### Master of Science in Computer Science - Awaiting External Defence

#### Usman Dan Fodiyo University Sokoto

📅 2023 - 2025 📍 Sokoto, Nigeria

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### Bachelor of Science in Computer Science

#### Institute Supérieur De Formation Professionnelle

📅 2017 - 2018 📍 Benin

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### Advance Diploma In Software Engineering

#### Aptech Computer Education

📅 2014 - 2017 📍 Kaduna, Nigeria

# PROJECTS

## MINISTRY OF BUDGET AND ECONOMIC PLANNING (WORKPLAN MANAGEMENT SYSTEM)

Developed a **Workplan Management System** using **PHP Laravel**, streamlining budget planning, task tracking, and project execution. Integrated real-time data visualization for performance monitoring, automated workflow approvals, and reminder alerts to enhance efficiency. Reduced manual processes, improved transparency, and enabled seamless collaboration across departments through a secure cloud-based deployment.

## MINISTRY OF BUDGET AND ECONOMIC PLANNING (PARTNERS & PROJECTS DASHBOARD)

Designed and implemented a **Partners and Projects Dashboard** using **React.js, Node.js, Express.js, and MongoDB** to streamline project tracking and stakeholder collaboration, integrating **real-time data visualization tools** for actionable insights on ongoing projects and partnerships, and collaborating with the ministry to ensure the dashboard addressed **organizational needs**, enhancing **transparency and accountability**.

## FREEDOM FOR LIFE INITIATIVE (WEBSITE)

Developed and deployed a **responsive website** for the **Freedom for Life Initiative**, showcasing the organization's **mission, initiatives, and resources**, utilizing **PHP and Tailwind CSS** for a modern, visually appealing, and user-friendly interface.

## IDEAS PROGRAMME – BAZE UNIVERSITY ABUJA(ASSESSMENT SYSEM)

Developed a **comprehensive Integrated Digital Evaluation and Assessment System (IDEAS Assess)** using **React for the frontend, Django for the backend, and PostgreSQL for the database**, incorporating **proctoring assessments, AI-generated questions via Google's Gemini API, and an analytical dashboard** for real-time performance tracking and reporting, implementing a **seamless UI with React and Tailwind CSS** for a responsive user experience, integrating **Django Rest Framework (DRF) for efficient API management**, deploying the system on **Render with PostgreSQL**, and utilizing **Google Analytics and UptimeRobot for post-deployment monitoring**, enabling **automated proctoring and dynamic question generation** to enhance evaluation accuracy while reducing manual oversight by **50%**, and providing **detailed performance reports and analytics** through a custom-built dashboard for data-driven decision-making.

## CED - USMAN DANFODIYO UNIVERSITY SOKOTO (ERP System)

Designed and developed a **custom ERP system** for the **Center for Entrepreneurship Development, Usman Danfodiyo University Sokoto**, using **Flask, Jinja, and SQLAlchemy**, integrating **trainees, tutors, resources, and payment management** with automated **receipt generation**. Deployed on **Render with PostgreSQL**, enhancing **efficiency by 40%** through automation, responsive design, and real-time reporting for data-driven decision-making.

# REFERENCES

**Dr. Abubakr M. Zayyana -  
Commissioner MBEP**

abubakars.gobir@yahoo.com

**Musa Wammako - Dir. Int. Cooperation  
MBEP**

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