

MBA BACHA JOSEPH

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PROFILE

An intuitive problem-solver and fast learner with skills in turning complex challenges into simple, efficient solutions. Excels at communicating clearly and sharing knowledge to support teammates, enhance collective productivity, and foster a collaborative work environment.

EDUCATION

BSc. Computer Science Jan 2021 - Sep 2024
Kwame Nkrumah University of Science and Technology (KNUST), Kumasi

W.A.S.S.C.E (Science) Sep 2017 – Aug 2020
Presbyterian Boys' Secondary School, Legon - Ghana

WORK EXPERIENCE

IT Manager (National Service Personnel)
Shai Osudoku District Hospital - (Dodowa, Accra)
Sep 2024 - Present

- Manage and maintain hospital IT systems; ensure reliable access for staff.
- Provide troubleshooting and technical support, improving system uptime, and staff productivity.
- Developing local systems and tools to enhance the efficiency of hospital operations.
- Train medical staff on IT Literacy and basic cybersecurity practices, strengthening digital awareness and data safety.

PROJECT EXPERIENCE

Media Match (Digital Media recognition Software)

Team Project - Kwame Nkrumah University of Science and Technology

- Collaborated with a partner to design and prototype a software solution that identifies multimedia (audio and video) by analyzing short clips.
- Implemented audio fingerprinting and pattern-matching algorithms to compare recordings against a media database.
- Included a Web platform to allow users to contribute media to the database to improve recognition accuracy and coverage.

In-Service DBMS (Staff Database Management System)

National Service Project - Shai Osudoku District Hospital

- Design and develop a custom database to manage staff profile data and departmental information.
- Streamlined administrative process, reducing manual paperwork and improving data retrieval speed.
- Implement role-based access control to ensure data security.

SKILLS

Technical Skills:

- Front-End Development: HTML5, CSS3, JavaScript
- Tools and Frameworks: Bootstrap, Tailwind
- Software and Productivity: Microsoft Word, Excel, PowerPoint, Adobe Photoshop, Illustrator

Additional Skills:

- Quick learner, adaptable to new technologies and challenges.
- Strong communication and ability to support colleagues in achieving goals.
- Problem solving and intuitive troubleshooting.