

BELLO ABDULMUJIB

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PROFESSIONAL SUMMARY

Dynamic and innovative professional with a robust background in Chemical Engineering complemented by emerging expertise in Software Development. Adept at applying analytical skills and process-driven thinking to both engineering challenges and the creation of intuitive web applications. Known for performing under pressure, rapid adaptability, and collaborative problem-solving. Eager to leverage my dual skill set to contribute creative, data-driven solutions to interdisciplinary teams.

TECHNICAL SKILLS

Engineering & Analytical:

Process Control & Quality Assurance

Laboratory Analysis (pH, Turbidity, Alum Content)

Programming & Web Development:

Languages: Python, JavaScript

Web: HTML, CSS, React (Basic)

Tools: Git, GitHub, Visual Studio Code

Databases: MySQL, sqlite

Methodologies & Soft Skills:

Agile Practices, Version Control

Adaptability, Independent & Collaborative Work

Strong Communication and Problem-Solving Skills

EDUCATION /QUALIFICATIONS WITH DATE OBTAINED

- Kaduna Polytechnic
Higher National Diploma (HND in Chemical Engineering) 2015-2018
- Kaduna Polytechnic
National Diploma (ND in Chemical Engineering) 2011-2013
- Aunt nicas secondary School (Secondary School Certificate) 2007-2011
- Classical International School (Primary School Certificate) 1999-2007

PROFESSIONAL EXPERIENCE

- **Industrial Attachment** Kaduna State Water treatment plant

Assistant Operator (control room)

- Monitored and reported daily operational activities via logbooks.
- Measured water flow rates and ensured optimal control panel performance.

Assistant Water Quality Control chemist

- Performed laboratory tests on water samples (pH, turbidity, alum content).
 - Prepared and dosed chemical solutions to ensure effective water treatment.
 - Assisted in the routine inspection and maintenance of treatment units.
- **One year National Youth Service Corp (NYSC)** LGEA Ugwan Muazu government schools.

Supported school operations and community projects, enhancing teamwork and leadership skills during the service period.

- **Junior Software developer** at African Lion Associates:
 - Developed and maintained web applications using HTML, CSS, and Python.
 - Assisted in the creation of user interfaces with React, enhancing user experience and functionality.
 - Collaborated with the design team to implement responsive web designs.

- Utilized version control tools such as Git for code management and collaboration.
- Participated in code reviews and contributed to the improvement of existing codebases.
- Collaborated with senior developers to build interactive user interfaces with React, enhancing the functionality and user experience.
- **Freelance Web Developer**
 - Designed and developed custom websites for small businesses using HTML, CSS, and JavaScript, focusing on user-friendly design and accessibility.
 - Managed version control and collaborative development using Git and GitHub, ensuring smooth project delivery.
- **Open Source Contributor**
 - Contributed to various open-source projects by fixing bugs, adding features, and improving documentation in repositories focused on web development and Python
 - Reviewed and merged pull requests, maintaining high code quality standards and adhering to project guidelines.

ADDITIONAL INFORMATION

Proven ability to merge engineering principles with software development to address complex, interdisciplinary challenges.

Committed to continuous professional growth, keeping pace with industry trends in both technology and engineering.