

# OROGUN SAMUEL ADEOLA

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## OBJECTIVE

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To leverage my comprehensive background in chemical engineering and newly acquired skills as a fullstack web developer to contribute to innovative projects, enhance user experiences, and drive technological advancements within a dynamic and forward-thinking organization. My unique combination of technical expertise in chemical engineering and proficiency in fullstack web development positions me to tackle complex challenges and deliver impactful solutions.

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## PROFESSIONAL TRAINING

- **Full Stack Web Development.** April 2025  
Tech Studio Academy | Lagos, Nigeria.
  - Built dynamic, responsive web applications using HTML, CSS, JavaScript, and React.js
  - Developed backend functionality with Node.js and Express.js
  - Managed databases and data storage using MongoDB
  - Integrated RESTful APIs, implemented CRUD operations, and user authentication
  - Practiced version control and team collaboration using Git and GitHub
  - Worked on real-world projects with a focus on problem-solving and clean, maintainable code

Technologies & Tools:

React.js, JavaScript (ES6+), Node.js, Express.js, MongoDB, Git, GitHub, Postman, VS Code, JSON. Soft skills: problem-solving, communication, Team collaboration, Adaptability.

## POST SECONDARY EDUCATION

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- **Bachelor of Engineering in Chemical Engineering** October 2023  
University of Ilorin | Nigeria,  
Degree: Second-Class Honors

**Undergraduate Thesis 1:** Chicken feather biochar modified with Titanium dioxide as adsorbent for the sequestration of pollutants from pharmaceutical wastewater in an optimization study

**Supervisor:** Dr. E.O. Ajala

- Designed and perform experiments to investigate the adsorption capacity of the modified biochar
- Identify the optimal conditions for the adsorption process using statistical analysis and modelling techniques
- Compared the adsorption performance of the modified biochar with other conventional adsorbents

**Thesis 2 (Design Project):** Design of a plant that yields 50,000 tons of yeast per annum

- Collaborated with a team to design yeast production plant, utilizing process simulation and optimization techniques to achieve efficient fermentation, separation, and drying processes, resulting in a projected increase in productivity and reduction in operating costs.

## WORK EXPERIENCE

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### Drugfield Pharmaceutical Limited

Jan 2024 - Oct 2024

National Youth Service Corps (N.Y.S.C)

Served as a Corps Member in the water treatment section, collaborating with fellow Chemical Engineers to provide portable water for human use and deionized/ distilled water for pharmaceutical use, meeting the company's daily water needs.

## PROFESSIONAL MEMBERSHIP & AFFILIATIONS

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- Graduate Member: Nigeria Society of Engineers (GMNSE).
  - Student Member: Nigeria Society of Chemical Engineers (GMNSCHE).

## PROFESSIONAL SKILLS

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- Microsoft Office Suite
  - Project Management
  - Web Development
  - Teamwork and Leadership
  - Analytical Writing
  - Verbal and Written Communication
  - Research and Development
  - Data Analytics, Visualization, and Interpretation
  - Critical Thinking, Initiative, and Prompt Execution

## LANGUAGES

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- **English:** Distinguished levels in Listening, Speaking, Reading, and Writing.
  - **Yoruba:** Native Language, Distinguished levels in Listening, Speaking, Reading, and Writing.

## COMMUNITY SERVICE

**Community-Based Experience and Service (COBES)**  
Apado, Kwara State

**December 2022**

Delivered public speech on career paths in Chemical Engineering to secondary school students. Rectification of issues with the community borehole

## VOLUNTEERING ACTIVITIES

### Red Cross Volunteer

**2023**

National Youth Service Corps (N.Y.S.C)

- Engaged in first aid and CPR training, enhancing skills and knowledge to provide emergency care and support.
- Assisted in disaster response and relief efforts, helping to distribute aid and provide emotional support to affected individuals
- Participated in community health and safety initiatives, promoting awareness and providing support to vulnerable populations.

## REFEREES

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Available on request