

# Frank Dela Kwame Gesu

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## Profile

I am a dedicated professional with a strong foundation in Quality Control and laboratory procedures complemented by my proficiency in data handling and programming. My passion for technology has led me to develop skills in Python programming, data visualization, and process automation, which enhance my ability to streamline workflows and improve operational efficiency. With experience in analytical testing, compliance auditing, and documentation accuracy, I thrive in environments that require precision, problem-solving, and adaptability. Whether working independently or collaboratively, I am committed to delivering high-quality results, driving innovation, and making meaningful contributions across various industries.

## Education

2017/09 – 2021/11 Kumasi, Ghana Class	<b>BSc. Chemistry</b> <i>Kwame Nkrumah University of Science and Technology (KNUST)</i> Second Class Upper Division
2014/10 – 2017/05 Anloga, Ghana	<b>WASSCE Certificate Examination</b> <i>Anlo Senior High School (ANSECO)</i>  General Science (Aggregate 10)

## Professional Experience

2024/02 – present Nungua, Ghana	<b>Quality Control Chemist</b> <i>Eskay Therapeutics</i> <ul style="list-style-type: none"><li>Conduct analytical testing on raw materials and finished products per Good Manufacturing Practices /Good Laboratory Practices standards.</li><li>Calibration and maintenance of laboratory instruments like Dissolution Test Apparatus, Disintegration Test Apparatus, pH meters, weighing balance.</li><li>Lead water and stability analysis for compliance and product shelf-life studies.</li><li>Working cross-functional teams to establish quality control metrics and goals.</li><li>Assist in quality audits, CAPAs, and documentation systems for traceability.</li><li>Initiated the development of a digital batch record tracking system improving efficiency by 70%</li></ul>
2024/05 – present	<b>Product Designer</b> <i>InnoWeb Ghana</i> <ul style="list-style-type: none"><li>Designed user-centered digital platforms for logistics and business clients.</li><li>Built wireframes, interactive prototypes, and responsive UI using Figma and HTML/CSS.</li><li>Collaborated with cross-functional teams and maintained a scalable design system.</li><li>Contributed to branding and digital strategy using drone-based media and visual storytelling.</li></ul>

2023/09 – 2024/01  
Tema, Ghana

**Quality Control Officer and Quality Assurance Officer, Intern**

*Sanbao GH Pharmaceutical Limited*

- Gained practical experience in adhering to Good Manufacturing Practices (GMPs) and Standard Operating Procedure (SOP)
- Conducted physicochemical testing of sterile intravenous infusions using various laborious instruments.
- Assisted in documentation of Batch Manufacturing Records (BMRs) and Release Forms encompassing all quality checks at each production stage and documented the quantity produced for release.

2022/09 – 2023/08  
Ada Foah, Ghana

**Liberate-Me Project Officer**

*Volta Revival Foundation (VRF)*

- Coordinated the VRF Scholars Program including managing applications, selection processes and program selection.
- Provided mentorship and support to scholars aiding in their academic endeavors.
- Exposed the VRF Scholars to computer literacy.
- Providing regular reports to track program progress and impact and provide recommendation.
- Contributed to program design and evaluation focused on preventing child trafficking and forced labour.

2022/09 – 2023/08  
Ada Foah, Ghana

**Technical Team Lead for Water-Is-Life Project**

*Volta Revival Foundation (VRF)*

- Distributed LifeStraw (Water filters) to community schools and households to help treat waterborne illness in the Ada District.
- Provided education and training on the use of the LifeStraw to School and community Heads.

2021/09 – 2019/08  
Ada Foah, Ghana

**Research and Teaching Assistant, National Service Personnel**

*Ada College of Education, ADACOE*

- Taught General Chemistry to first-year and second-year students, focusing on key concepts in physical, organic and inorganic chemistry.
- Thoroughly carried out disinfection of laboratory spaces and assisted in laboratory bench work.
- Obtained hands-on experience in various laboratory procedures like spectrophotometry, microscopy.

**Achievements/ Projects**

- 📁 Digital Batch Record System: Automated tracking for 1,000+ BMRs/BPRs at Eskay Therapeutics Limited.
- 📄 QC-to-QA Document System: Developed an internal database for test reports and certificates.
- 🧴 Water-Is-Life (VRF): Led technical training for 1,000+ households on water filters (LifeStraw).
- 🌐 Online Voting Platform: Co-developed a digital voting system for ADACOE.

## Leadership

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### Ada College of Education (ADACOE)

2021/09 – 2019/08

#### President/ Member

- Served as the Head of all National Service Personnel, overseeing and coordinating the activities the activities of the team.
- Acted as a liaison between the service personnel and college administration, ensuring effective communication and addressing any challenges promptly.

### Anlo Senior High School (ANSECO)

2014/12 – 2017/05

#### Member

- I was a member of the National Science and Mathematics Quiz team in the school.

## Skills and Personal Qualities

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### Technical & Laboratory

- Analytical Testing (HPLC, UV-Vis, pH, Dissolution, Disintegration)
- GMP, GLP, Documentation Review, Stability Studies
- Instrument Calibration, QA/QC Auditing

### Data & Programming

- Python (pandas, NumPy, matplotlib, scikit-learn)
- SQL, Excel, Data Cleaning & Transformation
- Power BI, Tableau, IBM Cognos

### Digital & Design

- UI/UX (Figma, Adobe XD, HTML/CSS)
- Web Development (Front-End: HTML, CSS, JavaScript basics)
- Process Automation & Workflow Optimization

## Conferences, Seminars and Technical Trainings

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- Physiologically Based Pharmacometrics (PBPK) Applications in Model Informed Drug Development (MIDD): Do you Know the Current Landscape of Regulatory Acceptance? Webinar by SOP, sponsored by Certara.
- Attended Next Generation Solar Cells seminar by Prof. Nathaniel Boadu, KNUST.
- Participated in Thinking Outside the Box: Interpreting Scientific Research Results seminar by Prof. Johannes Akplaba Mawuli Awudza, KNUST.
- Attended a Non-residential workshop on Inter-Sectoral Standard Operating Procedures (ISSOPS) in Ada-Foah, Ghana.

## Organizations

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### Volta Revival Foundation (VRF)

#### *Liberate-Me-Project officer*

A Non-Governmental Organization made up of young people with the aim of nurturing underprivileged children into ethical leaders. My role is aid in organizing programs for the kids, publicizing our programs, tutoring, mentoring, and advising the kids.

### LifeStraw Company

#### *Volunteer*

An American company working in the environment and health space with a focus on producing functional products (water filters) called LifeStraw that provide the highest protection from unsafe drinking water. They have been partners in the fight for the eradication of Guinea worm for 25 years, and they actively respond to emergencies across the globe. VRF in partnership with LifeStraw on the Water-Is-Life project distributed over 1000 LifeStraws

to households and schools in the Ada East and West District to help curb the outspread of water-borne illness mostly among the less privileged and my role as the Technical Lead was to train the beneficiaries of the product on the usage and importance of the LifeStraw.

## **InnoWeb Ghana**

### *Product Designer*

InnoWeb Ghana is a digital agency based in Tema that provides UI/UX design, web development, and branding services. We work with both small-scale entrepreneurs and large-scale businesses to create user-focused digital solutions. Our expertise spans industries like manufacturing, logistics, and enterprise IT. Here is the link to the website: <https://innowebghana.com>

## **Courses and Certifications**

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- IBM Python for Data Science, AI & Development – IBM Data Analytics Professional Certificate, Coursera.
- Databases and SQL for Data Science with Python – IBM Data Engineering Professional Certificate, Coursera.
- Python Project for Data Science – IBM Data Science Professional Certificate, Coursera.
- Introduction to Industrial Bioprocess Development – Technical University of Denmark, Coursera.
- Antimicrobial Resistance – Theory and Methods – Technical University of Denmark, Coursera.
- Excel Skills for Business: Essentials – Macquarie University, Australia, Coursera.

## **Personal Interests**

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I love programming, and watching wildlife documentaries. I also enjoy playing basketball and football as a hobby.

## **Languages spoken**

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- English (fluent)
- French (fluent)
- Twi (fluent)
- Ewe (fluent)

## **References**

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References available upon request.

