

ESIAH KAPINGA

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Portfolio: : <https://esiiiah.github.io/portfolio-site>

My portfolio

PROFESSIONAL SUMMARY

I studied Bachelor of Science in Microbiology, with a concentration in molecular biology, bioinformatics, and health informatics. I graduated with First Class with Distinction.

My personal technical skills range from DevOps to data analysis and digital design. I work well with Python, HTML, CSS, and R, including systems like AWS, but more importantly, I am eager to learn, and I adapt easily.

Marwadi University,

Rajkot, India

Zambia Qualification Authority,

Lusaka, Zambia

ZAQA Degree Recognition Certificate.

Validated July 2025

WORK EXPERIENCE

GOKUL HOSPITAL

Rajkot, India

Laboratory Scientist Intern

Oct 2024 – Nov 2024

- Conducted microbiological diagnostics and patient sample testing using hospital-based lab protocols
- Gained hands-on experience in specimen handling, culture techniques, and microbial identification

EXCELERATE PROGRAM (SAINT LOUIS UNIVERSITY)

Remote

Virtual Intern, Data Visualization & Health Informatics

Apr 2025 – May 2025

- Developed interactive complex data dashboards using Excel and Power BI, enhancing data accessibility for decision-making
- Applied research thinking to real-world global health projects, collaborating across international teams

PROJECTS

- App Development “Syla Analytics” sylaanalytics.com
- Phylogenetic Analysis of *Tinospora* Spp.
- WHO COVID-19 Global Data Visualization (Python):
- UNICEF Child Mortality Analysis (R):

MORE HERE: <https://esiiiah.github.io/portfolio-site/#projects> or <https://bit.ly/3JCTONK>

ACTIVITIES

INDUSTRIAL BIOTECHNOLOGY EXPOSURE PROGRAM (IBEP)

Rajkot, India

Jul 2024 – Oct 2024

Participant – Field Visit Series

- Explored biomedical waste management systems at **Distromed Bioclean Pvt. Ltd.**, understanding sterilization and disposal protocols
- Gained insights into large-scale dairy processing and quality control workflows at **Amul Dairy Plant**
- Observed fermentation and bioproduct development techniques at **Fishfa Biogenics, a pharmaceutical and fertilizer production company**

ADDITIONAL

Technical Skills: Python (Proficient), R, HTML, CSS, Power BI, Tableau, Canva, Biorender, CapCut, PyMol, JsMol, AI Tools

Languages: English (Fluent), Bemba (Fluent), Nyanja (Fluent)

Certifications & Training: Basic Computing in Life Sciences, Web Development with HTML & CSS (Coursera), Python for Everybody

Awards & Recognition: First Class with Distinction (Marwadi University, 2025); ZAQA Certificate Recognition (Zambia, 2025)