# Oburu Ephraim

📍 Kampala, Uganda  
📧 [Email Me](mailto:oburuephraim1@gmail.com) | 📱 +256-777-233322  
🌍 [LinkedIn](https://www.linkedin.com/in/oburuephraim2) | [GitHub](https://github.com/oburuephraim) | [Twitter](https://twitter.com/oburuephraim) | [Instagram](https://instagram.com/oburuephraim)

## Professional Summary

Innovative Software Engineer and Data Analyst with a BSc in Software Engineering from Makerere University and over 4 years of hands-on experience in full-stack development, database systems, GIS applications, and embedded systems. Founder of MeetTheExperts (MTE) — a tech platform connecting users to experts — and co-founder of SafeSail tracker for water-based emergency response. Adept at designing scalable software solutions, building database systems for businesses and organizations, and mentoring teams and individuals in technical skill development.

## Core Competencies

* **Full-Stack Web Development:** React.js, Express.js, Laravel, Django
* **Database Design & Management:** PostgreSQL, MySQL, MongoDB
* **Embedded Systems:** Arduino, Raspberry Pi, C/C++
* **GIS Tools & Mapping:** QGIS, ArcGIS, Drone Mapping
* **Data Analysis & Visualization:** Python, Pandas, Matplotlib, Power BI
* **System Design & Documentation**
* **Project Mentorship & Team Leadership**
* **Training Programs & Tech Skill-Ups**

## Education

| **Qualification** | **Institution** | **Year** |
| --- | --- | --- |
| **Bachelor of Science in Software Engineering** | Makerere University, Kampala | 2016 – 2019 |
| **Uganda Advanced Certificate of Education (UACE)** | Seeta High School, Mukono | 2014 – 2015 |
| **Uganda Certificate of Education (UCE)** | Namilyango College, Mukono | 2010 – 2013 |
| **Primary Leaving Examination (PLE)** | Kwagalakwe Primary School | 2003 – 2009 |

## Certifications

* Full-Stack Web Development – Meta via Coursera (2023)
* Database Management & SQL Specialization – University of Michigan (2022)
* Python for Data Science – IBM Skills Network (2022)
* Geospatial Data Analysis with QGIS – GISGeography Training (2021)

## Projects & Portfolio

* **Social Teams:** Web platform for group coordination and communication.  
  [socialteams.netlify.app](https://socialteams.netlify.app/)
* **Elder Care Initiative:** Web platform to support elderly community services.  
  [eldercareinitiative.netlify.app](https://eldercareinitiative.netlify.app/)
* **Blog Ruboni:** Custom blog system integrated with content management.  
  [blogruboni.netlify.app](https://blogruboni.netlify.app/)
* **SafeSail Tracker:** Embedded GPS-based safety system for emergency water navigation.
* **E-Commerce Platform:** Fully functional shopping system with admin dashboard.  
  [ecommerceplatform.netlify.app](https://ecommerceplatform.netlify.app/)
* **Task Manager App:** Productivity-focused task planner for individuals and teams.  
  [taskmanagerapp.netlify.app](https://taskmanagerapp.netlify.app/)

## Professional Experience

**Founder & Lead Developer**  
MeetTheExperts (MTE) | 2022 – Present

* Designed and deployed a web platform connecting clients to vetted experts.
* Built database systems for client tracking, analytics, and service management.
* Mentored young developers on web systems and mobile development.

**Embedded Systems Developer (Student Project)**  
Makerere University | 2019

* Led the design of an E-Payment System for Public Transport.
* Developed and tested the embedded hardware using Arduino.
* Documented the system architecture and programmed microcontrollers.

**Freelance Developer & Trainer**  
Self-Employed | 2020 – Present

* Built customized websites and database applications for SMEs, NGOs, and startups.
* Delivered hands-on training for individuals and teams in Python, GIS, and web technologies.
* Developed internal information systems for local businesses.

## Technical Skills

* **Languages:** JavaScript, Python, PHP, SQL, C/C++
* **Frameworks:** Bootstrap, Laravel
* **Databases:** MySQL, PostgreSQL, MongoDB
* **GIS Tools:** QGIS, ArcGIS, DroneDeploy
* **Other Tools:** Git, Node.js, Bootstrap

## Soft Skills

* Excellent Communication
* Team Collaboration & Leadership
* Analytical Thinking & Problem Solving
* Self-Motivation & Initiative
* Capacity Building & Mentorship

## Languages

| **Language** | **Speaking** | **Reading** | **Writing** |
| --- | --- | --- | --- |
| English | Excellent | Excellent | Excellent |
| Luganda | Fair | Fair | Fair |
| Luo | Fair | Fair | Fair |
| Jopadhola | Fair | Fair | Fair |