

Oburu Ephraim

📍 Kampala, Uganda
✉ [Email Me](#) | 📞 +256-777-233322
🌐 [LinkedIn](#) | [GitHub](#) | [Twitter](#) | [Instagram](#)

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**
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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

Qualification	Institution	Year
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)
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Projects & Portfolio

- **Social Teams:** Web platform for group coordination and communication. socialteams.netlify.app
 - **Elder Care Initiative:** Web platform to support elderly community services. eldercareinitiative.netlify.app
 - **Blog Ruboni:** Custom blog system integrated with content management. 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
 - **Task Manager App:** Productivity-focused task planner for individuals and teams. taskmanagerapp.netlify.app
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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

Language Speaking Reading Writing

Luo Fair Fair Fair

Jopadhola Fair Fair Fair
