


# Geitodyu Henrique Crusoe

Civil Engineer | Software Engineer

 Kampala, Makindye II 10402

 [Bold Profile](#)

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I am a final-year Civil Engineering student with a strong foundation in software engineering and DevOps. Currently in the research and development stage of a Smart Irrigation System project, I aim to address water management challenges in Africa through the integration of IoT technology, sustainable infrastructure design, and cloud-based solutions for efficient agricultural water usage. My experience includes architectural drafting and project supervision at Building Hope Through Homes, where I honed my skills in AutoCAD, Revit, and Google SketchUp. Proficient in both 2D and 3D drafting, I possess a solid background in UX design and web development, focusing on delivering innovative engineering solutions. With excellent communication, presentation, and report writing skills in English, I am eager to contribute my expertise to impactful projects in the civil and architectural fields.



## Skills

- Architectural Drafting (2D & 3D)
- Microsoft Word, Excel, PowerPoint
- Project Management & Supervision
- Web Development (HTML-CSS-JS, React, Next Js, Svelte, Sass)
- Mobile Development (React Native, Flutter)
- Full-Stack Software Developer
- Database Management
- Teamwork and Collaboration
- Devops Engineering
- Communication Skills
- Databases: MongoDB, MySql, Postgress, Sql
- Responsive Web Design



## Work History

2022-01 - 2023-03

## Architectural Draftsman and Supervisor

*Building Hope Through Homes, Montserrado County*

- Produced high-quality renderings that effectively communicated design intent to clients while also showcasing attention to detail in material choices and finishes.
- Improved client satisfaction by incorporating their feedback into final design plans, ensuring all requirements were met.
- Provided drafting support to civil engineering staff.
- Used computer-aided design software to prepare blueprints and schematics.
- Laid out and planned interior room arrangements for commercial buildings using computer-assisted drafting (CAD) equipment and software.

2022-01 - 2023-03

## Founder

*Phoenix Hub Liberia, Incorporated (Inactive), Paynesville, Liberia*

- **Founder & CEO, Phoenix Hub Liberia, Inc:** Spearheaded the development and growth of a multivendor eCommerce platform aimed at empowering local businesses.
- **Business Development:** Launched and scaled a digital marketplace connecting vendors with customers across Liberia, enhancing vendor visibility and facilitating transactions.
- **Full-Stack Development:** Designed and implemented the website and backend infrastructure, ensuring a user-friendly experience for vendors and customers.
- **Vendor Relations:** Managed onboarding and product listing strategies for over 50 vendors, optimizing their sales potential.
- **Operations Management:** Oversaw logistics, financial planning, and marketing efforts with a small team, ensuring operational efficiency and customer satisfaction.
- **Team Leadership:** Coordinated with a delivery rider and part-time employees to maintain effective communication and support for vendors.
- **Strategic Planning:** Developed long-term business strategies, identified revenue streams, and sought investment opportunities to scale the business.
- **Transition:** Business placed in an inactive state after relocating to Uganda to complete a Civil Engineering degree, with infrastructure ready for future reactivation or pivot.
- **Skills Gained:** Leadership, project management, digital transformation, and technical expertise in eCommerce development.

2020-11 - 2021-07

## Director- Monitoring & Evaluation Committee

*Young Africans Capacity Building Network, Monrovia, Montserrado*

- Oversaw the planning, implementation, and assessment of 8+ programs focused on youth employment, gender equality, and civic engagement.
- Led a team of 5 members in monitoring progress and evaluating the effectiveness of capacity-building initiatives.
- Developed and presented quarterly reports, offering data-driven recommendations that improved program outcomes by 15%.

- Contributed to enhancing advocacy efforts, resulting in a 25% increase in community engagement and program participation.
- Facilitated workshops and discussions, empowering over 150 youth with critical skills for professional and personal development.
- Ensured continuous improvement of program quality through regular evaluations, contributing to the organization's expanded impact in local communities.



## Extra-curricular Experiences

- **Youth of the Year 2020:** Recognized by the Young Africans Capacity Building Network for outstanding contributions to community leadership (Aug 2020).
- **Co-Presenter:** Conducted a COVID-19 workshop in partnership with the Young Africans Capacity Building Network and Liberia National Student Union (Apr 2020).
- **Participant:** Emerging Leaders Boot Camp, focusing on leadership development (Dec 2020).
- **Media Personnel:** Engaged with multiple organizations for events, including the Impact Summit International and Champion Institute, providing media coverage and support.
- **Master of Ceremony/Coordinator:** Led the Youth Power Space Educative Short-Film Festival for high school students (Sept 2019).



## Education

### Bachelor of Science: Civil Engineering

*International University of East Africa - Kampala, Uganda*

### High School Diploma

*Effort Baptist Church School - Monrovia, Liberia*



## Certifications & Achievements

- **BSc in Civil Engineering** (Expected Nov 2025)  
International University of East Africa, Kampala, Uganda
- **Certificate in Software Engineering** (Aug 2024)  
African Leadership Xcelerator (ALX Africa), Remote
- **The Ultimate React Native Series: Advanced Concepts** (Dec 2023)  
Code With Mosh
- **Foundations of User Experience (UX) Design** (Oct 2023)  
Google and Coursera
- **The Ultimate React Native Series: Fundamentals** (Sept 2022)  
Code With Mosh
- **Emerging Leaders Boot Camp** (Jan 2021)  
Certificate of Honor, Cohort II 2020
- **Young Africans Capacity Building Network: Youth of the Year 2020** (Aug 2020)  
Recognized for contributions to community leadership.
- **HTML Course** (Jun 2020)  
Certificate of Completion

2023-05 - 2024-11

2014-09 - 2017-07



## Personal Information

- Place of Birth: Montserrado County
- Date of Birth: 10/17/99
- Nationality: Liberian
- Marital Status: Single



## Software

- AutoCad
- Revit
- Sketchup
- Twinmotion
- Lumion
- Visual Studio Code
- Android Studio
- JavaScript (React, React Native, Nextjs, Nodejs)
- Svelte
- HTML, CSS, SASS, SCSS
- AWS (Amazon Web Services)
- SQL (MySQL, PostgreSQL)
- NoSQL (MongoDB)
- Figma
- Git
- Ansible

