# Elizabeth Ahumuza

Kampala, Uganda | lizahumuza@gmail.com | +256-783-307-272 | https://github.com/lizahumuza

## PROFESSIONAL SUMMARY

As a software Engineer, I build systems that help organizations achieve their desired technology goals. I want to belong to a team where I can gain professional experience in building reliable, fast and scalable software/data systems.  Excited to leverage my skills and constantly learn and grow as a developer.

My dream is to see a world where software is used to improve diversity especially in the uptake of more women in technology, reduce poverty and close the digital divide in developing countries like Uganda.

## EDUCATION

**Makerere University** | *Bachelor of science in Software Engineering*          Kampala, Uganda | **2012 - 2017**
  - Second Class Upper

**St Joseph's Girls S.S.S Nsambya**                                             Kampala, Uganda | **2010 - 2011**
  - Uganda Advanced Level of Education

**St Joseph's Girls S.S.S Nsambya**                                             Kampala, Uganda | **2006 - 2009**
  - Uganda Certificate of Education

## OTHER TRAININGS

  - Full Stack JavaScript Web developer, The Odin Project
  - Haskell programming Training certificate (Blockchain and Cryptocurrencies)
  - Women In Technology coding bootcamp cohort 2&5
  - Educating the Children girls coding bootcamp
  - Cisco Certified Network Associate.(CCNA)

## EXPERIENCE

**Motypes** | *Software Developer*                                             Kampala, Uganda | **01/2021 - 12/2022**

  - Building new features to provide more services to users.
  - Improving the user experience of the existing system.
  - Plan and implement deployment process, and engage clients during user adoption.
  - Taking part in the design decisions and providing actionable feedback before implementations are done.
  - Providing quality assurance for features built through testing and fixing bugs.
  - Deploying systems and engaging in user interaction/feedback sessions.

  ***Stacks:*** *JavaScript, Typescript, ReactJS, NextJS, NodeJS, Chakra UI*

**Freelance** | *Software Engineer*                                      Kampala, Uganda | **01/2019 - present**

I was engaged in several software projects for both individuals and companies. These involved data portals, interactive websites and digital reports. The following are a few of the projects:

- Web Developer, NRI company website, July 2023 - Aug 2023
  I designed and implemented a company website for NRI, an investment and research company. This project allowed me to showcase my expertise in web development and design, contributing to the company's online presence and brand image hence facilitating client engagement and information dissemination. Some of the key achievements here include; A visually appealing interface featuring high-quality images, captivating content, and engaging visuals to convey the company's innovative spirit, responsive design to ensure seamless accessibility across various devices and screen sizes, to mention but a few. See the code on [Github](#)
- The CV builder App: The Odin Project, April 2023
  I designed and developed a CV builder application. It was built using React, CSS, and Webpack. A React application which generates a CV from user entered data. See the code on [GitHub.](#)
- The library App: The Odin Project, April 2023
  A full stack library application that was designed and developed using Firebase, Html, CSS, and JavaScript. It enables a user to add and delete a book from the library. See the code on [GitHub.](#)
- The Weather App: The Odin Project, October 2022
  A weather application that shows the current weather of a city. It was built using JavaScript, HTML, CSS, and Webpack. Unit tested with Jest testing library. The application uses OpenWeatherMap API to fetch weather data. It can also show weather based on the user's current location using Geolocation API. See the code on [GitHub.](#)
- Project Manager: CRS(Catholic Relief Services), October 2021 - Nov 2021
  I was the project manager for Data Analysis and Report writing for the FY21 participant based annual surveys.
- Web Developer, MBJ Technologies, Feb 2019 - March 2019
  I spearheaded the development of a dynamic company website for MBJ, a leading consulting firm specializing in road infrastructure. My strategic web development efforts resulted in a remarkable 30% increase in online visibility and revenue for the company.

  ***Stacks****: MySQL, MongoDB, HTML, CSS, JavaScript, WordPress, Firebase, React, Jest, Webpack*


**Tracenode Technologies** | *Software Engineer*                        Kampala, Uganda | **08/2019 - 01/2021**

- Did feasibility studies and provided technology recommendations.
- Software maintenance, database administration and website maintenance: I built and added new features to our apps, maintained the company back end and website.
- Provided quality assurance for features built by testing products and provided feedback or solutions.
- Automated company systems. Automation using online tools like Zapier.
- Managed technical operations with technology service providers we worked with.
- Deployed applications on clients' systems and trained staff onsite.
- Customer Experience Support: I ensured our clients were happy.

  ***Stacks****: WordPress, MySQL, Bootstrap, HTML, CSS, JavaScript, NodeJS, Jest*


**ASA Microfinance** | *Systems Administrator*                          Kampala, Uganda | **10/2018 - 01/2019**

- IT support to Head office and field staff. I troubleshot and resolved hardware, connection, printer and software issues. I also ensured the reliability of the local communications system, e-mail and internet connections.
- I updated network applications and system software as required.
- Hardware maintenance: I replaced and/or repaired defective computer parts and equipment. I ensured that the virus protection software was installed on all machines and up-to-date. I performed routine server monitoring and performance benchmarks.
- I also assisted the IT manager when setting up and maintaining IT infrastructure.

**Bank of Uganda** | *Intern*                                        Kampala, Uganda | **06/2015 - 08/2015**

- Data visualisation and analysis. This entailed analysing various pieces of tabulated bank information and creating visuals for dissemination.
- Software testing. I tested some online tools for agile project management.
- Web development using CMS
- I familiarized myself with the oracle express database edition

   ***Stacks****: MySQL, HTML, CSS, JavaScript,WordPress, OracleDB*

## TECHNICAL SKILLS

- **Programming Languages:**          *Javascript, Python, Typescript, Haskell, HTML, MySQL*
- **Stacks and Frameworks:**          *ReactJS, NextJS, Chakra UI, Wordpress, NodeJS,*
- **Version Control**                              *Git, Bitbucket*
- **Project Management**             *Agile development planning, scrum master skills*

## OTHER SKILLS

**Leadership**
- **Rotaract club of MUK** | *Vice President*          Kampala, Uganda | **2015 - 2016**
- **Mary Stuart Hall, MUK** | *Information Minister*          Kampala, Uganda | **2015 - 2016**
- **College of Computing, MUK** | *Ethics & Integrity Minister*          Kampala, Uganda | **2013 - 2014**
- **St Joseph's Girls S.S.S Nsambya** | *Education Minister*          Kampala, Uganda | **2010 - 2011**

## LANGUAGES

- English
- Runyakitara

## REFEREES

**Lillian Namusisi, Software Developer Crypto Savannah**
*lilliannamusisi@gmail.com*
*+256-771-493-120*

**Bernard Ntege, CEO Tracenode**
*bernardnt@yahoo.co.uk*
*+256-782-081-219*

**Omugul Gonza, IT Manager ASA**
*it.manager@asauganda.com*
*+256-776-998-050*