AHUMUZA ELIZABETH NTAWIHA

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SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

I am a software engineer committed to creating innovative, high-performance, and scalable software solutions that enable organizations to achieve their technological goals. I have experience building dynamic web applications, using HTML, CSS, JavaScript, React, Node.js, MongoDB, Express, and SQL. Renowned for fostering a collaborative team environment, where adaptability to emerging web development technologies and frameworks is second nature. I am passionate about driving innovation and achieving excellence in every project.

TECHNICAL SKILLS

Front-End: JavaScript, TypeScript, HTML5, CSS3, ReactJs/Native, Chakra UI, NextJs, Tailwind
Back-End: NodeJs, Express, MongoDB, MySQL
Version Control: Git, GitHub, Bit bucket, GitLab
Professional: Communication, collaboration, Learning, teamwork, problem-solving, detail-oriented, self-motivated
Project management: Agile Development Planning, Scrum Master Skills, Communication, Problem Solving, Leadership, Project Planning.

WORK EXPERIENCE

Junior Software Developer   Jan 2021 – Nov 2022
Motypes   Kampala, Uganda
- Expanded my service offerings by developing new features that enhanced the platform's capabilities and met evolving user needs.
- Improved user satisfaction and engagement by enhancing the user experience of the existing system.
- Ensured a smooth transition for clients and boosted user adoption by planning and executing a streamlined deployment process.
- Provided valuable insights and actionable feedback that led to more effective and user-friendly implementations, playing a pivotal role in design decisions.
- Delivered high-quality features by conducting testing and promptly addressing any bugs or issues, resulting in a more stable and reliable system

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

Freelance Engineer   Sep 2019 – present
                                                                               Kampala, Uganda
- Actively developing and delivering a diverse range of projects, including web applications, interactive websites, and digital reports, to meet both commercial and personal objectives.

Software Engineer   Aug 2019 – Jan 2021
Tracenode Uganda Limited   Kampala, Uganda
- Empowered the company to make informed decisions, optimize resources, and align technology investments with business goals by conducting comprehensive feasibility studies and delivering technology recommendations.
- Enhanced apps by implementing new features, while efficiently managing the company's backend systems and website to ensure optimal performance and security, spearheading software maintenance efforts.
- Delivered robust and error-free features that delighted users by upholding the highest standards of quality assurance, rigorously testing products, and swiftly providing feedback or solutions.

- Streamlined processes, reduced manual workload, and enhanced overall efficiency by 80% by revolutionizing company operations by introducing automation through online tools like Zapier.
- Cultivated strong client relationships and consistently delivered exceptional service that ensured client happiness and loyalty, prioritizing customer satisfaction through dedicated Customer Experience Support

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

Systems Administrator   Oct 2017 – Jan 2019
ASA Microfinance   Kampala, Uganda
- Established proactive monitoring procedures for LAN, Network Servers, Routers, and other ICT equipment, leading to a reduction in system faults and downtime.
- Conducted efficient missions for new installations and routine maintenance tours, ensuring a decrease in incidents related to ICT equipment failures.
- Implemented rapid ICT problem recovery measures, reduced downtime by 30%, and established a robust system backup protocol to safeguard critical data.
- Drafted comprehensive technical documentation on ICT equipment operating procedures, enhancing overall system understanding.

Software Engineer Trainee   Jun 2015 – Aug 2015
Bank of Uganda   Kampala, Uganda
- Contributed effectively to web development efforts using Content Management Systems (CMS), streamlining content creation and management processes, leading to more dynamic and user-friendly websites.
- Mastered Oracle Express Database Edition, gaining essential database management skills and knowledge, which augmented my ability to handle intricate data structures and systems.

PERSONAL PROJECTS

- [30 seconds game App](): A guessing game of cards built using chakra UI, TypeScript, NodeJs, NextJs and tested using the Jest testing library.
- [The CV builder Web App](): CV builder generates a CV using user-entered data. Built using React, CSS, and Webpack.
- [The Weather App](): A weather application that shows the current weather of a city. It was built using JavaScript, HTML, CSS, and Webpack. The application uses OpenWeatherMap API to fetch weather data.
- [The Library App:]() A full-stack library application designed and developed using Firebase, HTML, CSS, and JavaScript. It enables a user to add and delete a book from the library.

EDUCATION

Full Stack Web Development | *Major: Front End*   Jan 2022 – May 2023
The Odin Project

BlockChain Development(Cryptocurrencies) | *Major: Haskell Programming*   Jan 2019 – Mar 2019
Input Output Hong Kong

Bachelor of Science | *Software Engineering*   Aug 2012 – May 2016
Makerere University

COMMUNITY INVOLVEMENT

Women in Tech Uganda   Jan 2020 - to date
WITU is all about building an inclusive community, where more women can learn about coding.   Kampala, Uganda