Tonny Ronald Bawembye

KAMPALA, Uganda
tonnybaw75@gmail.com
+256781521534 / +256704436434

Summary

As a Software Engineer, I possess a strong foundation in Computer Science and IT principles, complemented by extensive experience as a Developer. My proactive attitude drives me to engage with others and continuously learn. I excel in designing efficient, user-friendly and intuitive software solutions and thrive in collaborative environments, confident in my ability to contribute value to any team.

- [LinkedIn](https://www.linkedin.com/in/tonny-bawembye/) : (https://www.linkedin.com/in/tonny-bawembye/)
- [Github](https://github.com/BTonny) : (https://github.com/BTonny)
- [Stack Overflow](https://stackoverflow.com/users/13444529/tonny-bawembye) : (https://stackoverflow.com/users/13444529/tonny-bawembye)

Experience

Technical Lead

Klëm • Dublin, Ireland
02/2025 - Present

- Led the company's technical strategy, architecture, and infrastructure, ensuring scalable and high-performance of the Klëm system.
- Oversaw and reviewed our AI development team.
- Design and improve performance of both the frontend and backend applications.
- Promoted from Full Stack Software Engineer to Technical Lead role, successfully ensuring technical leadership continuity during a critical transition.

Front-End Developer (React)

WorkWall • Cork City, Ireland
02/2024 - 02/2025

- Maintained and developed a software-as-a-service platform WorkWall used by Hospitality locations in Ireland and the UK for staff management and setting up rosters.
- Maintained both the Front-end and a serverless backend powered by AWS Amplify.
- Implemented new features into the platform based on specifications and feature requests by the customers.

This was a part-time Remote role.

[Company website](https://www.theworkwall.com) : https://www.theworkwall.com

Full Stack Software Engineer

Klëm • Dublin, Ireland
07/2023 - 01/2025

- I spearheaded feature enhancements and mobile app development, ensuring a seamless onboarding and user experience.
- Scaling and maintenance of the backend infrastructure, optimizing performance for a growing user base and hence improving backend performance.
- Proficiently crafted comprehensive API documentation for our internal team.
- I achieved notable success in delivering high-impact features to the Klëm mobile app, hence growth in our user base.

Initially full-time and evolved into a part-time remote role.

[Company website](https://myklem.com/) : https://myklem.com/

Mobile Engineer

MakeItViral • KAMPALA, Uganda

08/2022 - 07/2023

Developed a mobile app for artists and content creators to upload and market their content.

- I designed the system architecture for MakeItViral and contributed to prototyping and UI design.
- Recruited a team of developers to collaboratively implement the MakeItViral system.
- Tech Stack: Flutter, Supabase, Node.js and AWS, Figma

This was a full-time hybrid role.

[Company Website](https://makeitviral.co/): https://makeitviral.co/

Website Developer

EWOR • Kirschäckerstraße, Germany

02/2023 - 04/2023

- Responsible for updating and recreating the company website in Webflow, migrating it from WordPress to improve performance, SEO, and enable CMS integration.

This was contract based remote work.

[Company Website](https://ewor.io/) : https://ewor.io/

Mobile App Developer

Yunga Technologies • KAMPALA, Uganda

07/2021 - 01/2023

- Maintained and updated Yunga mobile app (Flutter, Firebase, Node.js)
- Integrated native SDKs using Java (Android) and Swift (iOS)
- Optimized Firebase Cloud Functions, push notifications, and analytics
- Enhanced UI/UX and app performance using modern design principles
- Mentored junior developers and interns to support product innovation

[Company Website](https://yunga-ug.com) : https://yunga-ug.com

Systems Engineer Intern & Software Engineer

Linksat Technologies Uganda Ltd • Kampala, Uganda

06/2019 - 12/2021

- I evolved from an internship role into a full-fledged System and Software Engineer role.
- Spearheaded the awakening of the software division, overseeing ICT operations, project management, and software development initiatives hence driving business success and increasing client base.
- Developed Java Windows applications and dynamic websites while managing content for a diverse client portfolio.
- Specialized in LAN infrastructure, network administration, and security, implementing robust Cisco networking solutions and utilizing Kaspersky Products Suite.
- Undertook targeted management and professional development training to strengthen leadership skills.

[Company Website](https://www.linksattechnologies.com/): https://www.linksattechnologies.com/

Skills

Flutter, Dart, Android, iOS, Java, Kotlin, Swift, JavaScript, React Native, React.js, Vue.js, Node.js, Laravel, SQL, Appwrite, Firebase, AWS, MongoDB, APIs, REST, GraphQL, WordPress, Webflow, DevOps, Data structures and Algorithms

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Education

BSc. Software Engineering

Makerere University • Kampala, Uganda

02/2023