

Chuma Makalima

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Location: 428 NU16 Mdantsane; City Mdantsane, East London

Skills

- Flutter(Dart) | Python | C# | WordPress | Bootstrap 5 | .NET | Java | JavaScript | K2 | MSSQL | Node | NoSQL | Git | NLP Framework
- Azure | DevOps | M Power Automate | M Power Apps | CI/CD | Unit Testing | OOP | Restful APIs | PowerBI | Firebase | Figma
- Microsoft services | Distributed Systems | Frontend | Backend | Full-Stack | Project Management | SharePoint

Experience

Software Developer [AyamahTibaa pty\(ltd\)](#) *BCC, East London, Berea* **06/2024 – 09/2024**

- Architected and developed a **Flutter**-based internal application utilizing **Azure Active Directory** for authentication, incorporating features such as task management, scheduling, real-time chat using [chat library], stationary ordering, office status, and pool car management.
- Designed and implemented a responsive website for Imvuselelo utilizing [HTML, CSS, JavaScript framework] to effectively communicate the organization's mission and goals.
- Performed front-end and back-end modifications to an existing **WordPress** website hosted on **Afrihost**, optimizing page load times by 63% through image compression and minification. Engineered a Tawk.ai-based chatbot integrating **LNP** for enhanced user interaction.
- Led the design, development, and introduction of a company intranet using Microsoft SharePoint, to streamline internal communication and collaboration by integrating essential tools and resources into a centralized, easily accessible platform.

Freelance Software Developer [Freelance](#) *Buffalo City, East London* **2024-02- 2024-06**

- Developed an AI-driven career guidance chatbot using Stack AI, BotPress. Employed NLP for personalized career recommendations .
- Developed a PHP-based power rental platform with HTML/CSS frontend, MySQL Backend and PayFast payment gateway integration. Addressing the need for efficient power equipment rental, interface to list, book, and manage rentals.
- Developed research-based WordPress app for small-scale farmers.** Enabled peer-to-peer trade, knowledge sharing, on agricultural challenges, and market exposure.
- Developed AI-driven chatbot for Kota Kings, integrating NLP for order processing and product inquiries. Increased sales by over 60%.

Full-Stack Developer [Bot-IQ](#) *Buffalo City, East London* **2023-02- 2024-01**

- Developed engaging chatbots** utilizing Python and NLP frameworks, facilitating seamless integration with over 1000 platforms. Streamlined user experiences for clients in healthcare, education, and marketing sectors through task automation and personalization.
- Led chatbot projects from conception to deployment, driving significant improvements in efficiency and user satisfaction. Possess expertise in full-stack development (HTML, CSS, JavaScript, PHP) and chatbot platforms like Stack and BotPress.
- Championed cross-functional collaboration** to ensure seamless chatbot integrations and deliver successful solutions. Provided ongoing technical support and actively engaged with stakeholders to guarantee user satisfaction.

Tutor (PAL-Peer Assisted Learning) [Walter Sisulu University](#) *Buffalo City, East London* **2022-02 - 2022-11**

- Enhanced student learning by developing collaborative problem-solving strategies, leveraging technology for engaging instruction, and providing tailored support through lesson plans and study guides.

Assistant [Mpandela Internet Cafe](#) *KSD, Mthatha, EC* **2020-09- 2022-02**

- Provided technical support by installing, configuring, and maintaining computer systems and networks, developing training programs, and troubleshooting technical issues.

Education

Advanced Diploma in ICT [Walter Sisulu University](#) *Buffalo City, East London* **02/2023 - 12/2023**

- Major in Applications Development (Deepened my understand of computer science principles, refined my expertise in Data Structures and Algorithms , software development, with expertise in Agile Methods, version control, testing, and deployment strategies, graduating with an average above 70%).

Diploma in ICT [Walter Sisulu University](#) *Buffalo City, East London* **02/2019 – 12-2022**

- Major in Applications Development (developed expertise in programming languages, database management, and software development methodologies, completing projects in web and mobile development, and database design. Graduated cum laude).

Projects

- SAMRC & PAICTA:** Project managed, designed and developed a modern Clinic Management [Masiphilehis](#) for SAMRC (07/2020)
- Silver Award:** 2nd prize for the development of an eLearning platform [Makukhanye](#) at [ACM SIGCHI](#) in Hamburg, Germany (03/2013)
- Mentored at the AfriCHI :** Guided teams through design thinking and development stages, providing insights and support. (02/2014)

References (Will be sent on request)