BRIAN MTONGA

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PROFESSIONAL SUMMARY

Software Developer with a Bachelor of Science in Physics from the University of Malawi and an ALX Africa Software Engineering Certification. Combines strong analytical and problem-solving skills with practical experience in frontend, backend, mobile, and DevOps development, and is committed to continuous learning, innovation, and delivering effective technology solutions.

EXPERIENCE

Software Developer (Remote) March 2026 - Present

Niveosystems | Stockholm, Sweden

- Refactoring legacy Angular code to React.
- Adjusting the UI/UX to fit modern standards.
- Creating new service APIs.
- Developing mobile apps with React Native (Expo).
- Handling DevOps tasks.

Software Developer February 2024 - February 2025

Business on Software (BOS) | Toronto, Canada

- Developed new software and maintained and updated existing software.
- Built backend and frontend features and handled DevOps.
- Ensured smooth operation of the hosted software.
- Secured databases against malicious activity.

Part-Time Physics Lecturer / Instructor October 2022 - July 2024

University of Malawi, Department of Physics and Electronics | Zomba, Malawi

- Prepared and delivered physical and online lectures.
- Instructed lab sessions and assessed students.
- Developed curriculum, engaged students, and provided advising and mentoring.

Research Assistant May 2021 - November 2022

Save the Children International | Zomba, Malawi

- Designed research, collected data in the field, and managed data entry.
- Analyzed data and wrote reports.
- Collaborated with the team and carried out quality control.

Research Assistant May 2019 - October 2020

African Institute of Cooperative Citizenship | Lilongwe, Malawi

- Collected data and wrote reports.
- Identified problems in obtaining data and followed up with respondents for specific information.

SKILLS

- Languages: JavaScript, TypeScript
- Frontend: ReactJS, NextJS, React Native (Expo)
- Backend: NodeJS, NestJS, ExpressJS, PrismaDB
- Databases: MongoDB, MySQL, PostgreSQL, SQLite
- Tools and Cloud: Git, Docker, AWS

EDUCATION

Bachelor of Science - Physics May 2017 - May 2021

University of Malawi, Zomba, Malawi. Thesis: Water purification using concentrated solar power.

ALX Holberton Software Engineering Certification May 2022 - May 2023

ALX Holberton School Africa | Nairobi, Kenya

MEMBERSHIPS

Member, Malawi Institute of Physics - July 2023 - Present

REFERENCES

JP Mudiasa, CEO, Niveosystems | info@niveosystems.com | (+46) 735 857 609

Gregg Blazer, CEO, HIP Academy | greggblazer@gmail.com | (+265) 886 642 713

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