

BRIAN OWAKA

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Personal Profile

Full Stack Software Developer with over **3 years of professional experience** in software engineering, web development, database systems, networking, data entry and IT services. Passionate about building secure, scalable applications and leveraging technology to solve real-world problems. Experienced in remote environments and project leadership with a proven record of delivering systems that improve efficiency and user experience.

Education

Bachelor of Science in Computer Science

University of Kabianga, Kericho, Kenya

Professional Work Experience

Dtechsom Solutions Somalia (Remote) 2025

Full Stack Software Developer

- Leading development of scalable full stack web systems using Django, React, Next.js, Laravel and Node.js.
- Designing backend database schemas and REST APIs for enterprise systems.
- Managing full application lifecycles including testing, deployment, security & maintenance.
- Collaborating with international teams remotely to deliver high-quality software solutions.
- Troubleshooting system issues, optimizing application performance, and improving UI/UX design.

ONECLICK COMMUNICATIONS LTD (Remote) (2025)

Web Developer and Graphics Designer

- Developing and implementing front-end interfaces using HTML, CSS, JavaScript, and modern frameworks (React, Vue, or Angular).
- Working with back-end developers to integrate APIs and databases.
- Designing responsive and visually appealing web pages and applications.
- Ensuring websites are optimized for speed, SEO, and cross-browser compatibility

DATUM Analytics Ltd (Onsite - Contract Task) (2025)

Data Capturer – KNEC KCSE Marks Entry Project

- Worked with Kenya National Examinations Council as a data capturer for the 2025 KCSE results processing exercise.
- Entered and verified student marks data into the KNEC system with high levels of speed, accuracy and confidentiality.
- Maintained quality standards and submitted tasks within tight timelines.

University of Kabianga (Onsite) (2024)

Internship

- Managing and maintaining network infrastructure, including routers, switches, and firewalls.
- Configuring and maintaining Wi-Fi networks and wireless access points.
- Setting up and managing VoIP systems and communication platforms like Cisco Unified Communications.
- Troubleshooting staffs' computers and printers

Technical Skills

- Programming Languages: Python, Java, JavaScript
- Full Stack Web Development: HTML, CSS, JavaScript, NextJS, NodeJS, Django, Laravel
- Software Development: Agile methodologies, version control (Git)
- Database Management: MySQL, PostgreSQL, MongoDB
- Networking: Basic network configuration and troubleshooting
- Data Entry: Accurate and efficient data handling.
- Computer/System Maintenance and Troubleshooting

Projects and Extracurricular Activities

Hackathon Participant

University of Kabianga

March 2023

- Developed a Health System Software from concept to deployment, honing system development and teamwork abilities.

Tibabu System Configuration

Kapkatet Hospital

October 2023

- Participated in configuring and optimizing the Tibabu healthcare management system, gaining practical data entry and IT system experience.

Certifications and Training

Website Development Boot Camp Program

eMobilis Technology Training Institute

Focus on web development skills, including front-end and back-end technologies

Hobbies and Interests

- Reading motivational and inspirational books and magazines
- Coding and website development
- Watching educational and religious videotapes
- Volunteering in youth activities focused on poverty reduction and HIV/AIDS awareness

References

Available upon request