

# BENARD OMBOGA

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00100, Nairobi, Kenya

## SUMMARY

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Software Developer with a passion for crafting innovative data-driven solutions and software applications. Demonstrating a strong track record as a results-driven engineer, I am well-versed in a variety of programming languages and frameworks, including JavaScript, ReactJs, NextJs, NodeJs, Ruby, Ruby on Rails, Tailwind CSS, JavaScript, and TypeScript. My expertise lies in designing and developing robust, scalable, and high-performance applications. Equipped with excellent problem-solving abilities, I thrive in collaborating with diverse teams to achieve project success and align with business objectives. I am dedicated to continuous improvement, actively keeping pace with emerging technologies to ensure that I deliver efficient, user-friendly, and data-centric software solutions that elevate the end-user experience and drive business insights.

## SKILLS

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- Project management
- HTML
- CSS
- JavaScript
- TypeScript
- React
- Next.js.
- Node.js
- Python
- Ruby / Rails
- SQL
- PostgreSQL
- MongoDB
- Problem Solving
- Teamwork
- Analytical
- Communication Skills

## PROJECTS

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### **DevOverflow - [GitHub](#) | [Live](#)**

DevOverflow is a developer question and answer platform. Users can ask questions on programming, frameworks, databases, web technologies, artificial intelligence and much more. These questions are then made available to the community for answers. Users can also upvote or downvote for an answer. This platform is built using Next.js, React.js, TailwindCSS, and MongoDB. It features secure authentication with Clerk and real-time updates via webhooks, ensuring a seamless user experience on all devices.

### **WealthTrack - [GitHub](#) | [Live](#)**

WealthTrack is a finance management dashboard that connects multiple bank accounts, displays real-time transactions, and allows users to transfer money to other users on the platform. The application is built using Next.js, React.js and Typescript. It integrates Plaid and Dwolla APIs for bank account connectivity, real-time transaction data, and secure user-to-user payments. Authentication is handled via App Write, with real-time transaction updates displayed without page reloads.

### **Threads - [GitHub](#) | [Live](#)**

Threads is a community-based application for engaging with posts. Users can create, delete and like posts while admins invite members to communities. It is built with Next.js 14 and React.js, leveraging server-side rendering for performance and MongoDB for robust data handling. TailwindCSS ensures responsive design, while Clerk manages authentication. UploadThing enables file uploads. Real-time updates are handled via webhooks, with data validation through Zod and forms managed by React Hook Form.

## EXPERIENCE

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### Full-Stack Developer and Technical Writer | Freelancer

May 2023 - Present | Remote

- Developed responsive, visually appealing websites for over 5 clients across various industries, contributing to an average client satisfaction rating of 8/10.
- Enhanced website performance by optimizing load times, increasing user engagement from 20% to 60%. Collaborated with other developers to design and implement software solutions, ensuring alignment with project goals and technical requirements.
- Contributed to the development and testing of new features and maintaining code quality.
- Performed troubleshooting and debugging, resolving 70% of identified software issues and improving system stability.
- Implementing user authentication and third-party API integrations: Developing secure user authentication systems, including login, registration, and password recovery functionalities, to safeguard user data and privacy. Integrated OAuth and other authentication providers to offer multiple login options for users, enhancing convenience and accessibility.

#### Key Accomplishment:

- Implemented effective SEO strategies that resulted in a 70% increase in organic traffic and improved search rankings for 10+ client websites.

### Operation Support Officer | VFS Global

August 2023 - August 2024 | Nairobi

- Analyzing, and reporting on operational data. Using data to identify trends and make informed recommendations for process improvements.
- Implemented automated workflows, reducing manual processes by 40%, which improved overall team productivity and operational efficiency.
- Developed and enforced security protocols, reducing security incidents by 50% and ensuring compliance with industry standards and regulations.
- Monitored and resolved technical issues, achieving a 90% resolution rate within service-level agreements (SLAs), significantly improving response times.

#### Key Accomplishment:

- Streamlined IT operations, leading to a 30% reduction in system downtime through proactive maintenance and monitoring of critical infrastructure.

## **Assistant System Administrator | Kenya Education Management Institute**

October 2021 - January 2023 | Nairobi

- Provided technical support to over 100 users, resolving hardware and software issues with a 95% customer satisfaction rate.
- Diagnosed and resolved IT issues related to network connectivity, printers, and software applications, reducing average resolution time by 40%.
- Assisted in the installation and configuration of hardware and software systems, ensuring all setups were fully operational and secure.
- Maintained and updated IT documentation, including user manuals and troubleshooting guides, improving access to self-help resources by 25%.

### Key Accomplishment:

- Collaborated with a team of developers to develop the Kemi e-learning platform for teachers, enhancing educational delivery and accessibility.

### Key Transferable Skills:

- Problem-Solving: In this position, I acquired problem-solving skills which are applicable in software engineering for identifying and resolving technical issues and optimizing code performance.
- Adaptability: I was accustomed to working in dynamic environments, which is essential for the fast-paced and ever-evolving field of software engineering.

## **ICT Support Officer | African Safaris**

January 2019 - June 2021 | Nairobi

- Provided prompt and efficient help desk support to end-users, addressing hardware and software issues, troubleshooting technical problems, and providing solutions or escalating complex cases to higher-level support teams.
- Monitored system performance and proactively identified potential issues, minimizing downtime and ensuring business continuity.
- Conducted routine maintenance on computers and network systems, extending equipment lifespan by 20% and reducing technical failures.
- Installed, updated, and configured software applications on workstations and servers, ensuring compatibility and adherence to licensing agreements.

### Key Transferable Skills:

- Problem-Solving: Through adept analyzing and resolving technical issues, I acquire problem solving skills which are essential for software engineers in debugging and finding solutions to coding challenges.
- Communication: Effective communication is vital in both roles. As an ICT Support Officer, I had to explain technical concepts to non-technical users. This greatly improved my communication.

## EDUCATION

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**Moringa School** | Software Engineering

May. 2023

- Certification

**Chuka University** | Bachelor of Science in Computer Science

October. 2018

- Second class upper

## VOLUNTEER EXPERIENCE

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- **Data Entry and Analysis Volunteer:** As a volunteer, I assisted Mount Kenya Trust by entering and analyzing data to support their research and administrative needs. I utilized spreadsheet software and specialized data analysis tools to organize and process the data effectively.

## CERTIFICATION

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- Software Engineering - Moringa School
- Cisco Certified Network Associate - Cisco