

Dancan Ongong'o

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Portfolio: danray472.github.io/portfolio/

Profile

Highly motivated and detail-oriented **Software Engineer** with expertise in **full-stack web and mobile development, cloud technologies, and cybersecurity**. Skilled in **Next.js, React Native, Firebase, Tailwind CSS, and GitHub Actions**, with a strong foundation in **networking and security best practices**. Passionate about building **scalable, secure, and high-performance applications**, ensuring seamless user experiences while integrating DevOps workflows for efficiency. Constantly learning and adapting to emerging technologies to drive innovation and business success.

Projects

- **In-room Dining Website** Developed an in-room dining application for Airbnb, enhancing the dining experience through a user-friendly interface and efficient order management.
- **Electronic Repair Shop Management System** Designed and implemented a management system focused on the operations of an electronics repair shop, streamlining workflows and improving service efficiency.
- **Recipe App** Created a recipe application using React.js for the frontend and MongoDB for the backend, showcasing skills in building responsive and interactive web applications. This project showcased my skills in building responsive and interactive web applications, with a focus on JWT user authentication.
- **Book Reading App (KAILEYS CONSORTIUM)** Developed a mobile app using React Native for book reading, enhancing user engagement with a smooth and interactive reading experience.
- **RCM College Website** Created a website for RCM College, a school based in Nairobi, to provide a seamless user experience for students, parents, and staff.
- **BSR Hospital Website** I developed a website for a well-known hospital in Nairobi that brought online presence to the client.

Experience

Full-Stack & Mobile Developer

Designed, developed, and deployed scalable web and mobile applications, leveraging modern technologies like Next.js, React Native, Firebase, and Tailwind CSS.

Built secure and high-performance applications, integrating cybersecurity best practices to protect user data and prevent vulnerabilities.

Developed automated CI/CD pipelines using GitHub Actions, streamlining deployment and improving development efficiency.

Led the creation of user-centric applications, focusing on intuitive UI/UX and performance optimization.

Worked closely with clients and cross-functional teams, ensuring project goals were met on time and within scope.

Networking and Cybersecurity Specialist

- Provided comprehensive network administration and cybersecurity solutions to ensure robust protection against threats.
- Completed certifications in networking and cybersecurity including CCNA, Network Security, Cyber Security, and CyberOps.
- Implemented advanced security measures to safeguard networks, reducing vulnerabilities by 30%.
- Conducted vulnerability assessments and penetration testing, identifying and mitigating potential security risks.
- Managed network infrastructure and performed regular maintenance to ensure optimal performance.

Certifications

- CCNA: Enterprise Networking, Security, and Automation
- CCNA: Switching, Routing, and Wireless Essentials
- Network Security
- Cyber Security: Ethical hacking
- CyberOps Associate
- Introduction to Data Science

- DevNet Associate
- Python Certification
- JavaScript Certification
- Responsive Web Design
- Linux Fundamentals
- JavaScript Algorithms and Data Structures
- Big Data Analysis
- IoT Fundamentals

Skills

- **Software Development:** Full-Stack Development (MERN), Mobile Application Development
- **Frontend Development:** React, HTML, CSS, tailwind, JavaScript
- **Backend Development:** NodeJs, ExpressJs, PHP
- **Database Management:** MongoDB, MySQL, Firebase
- **Frameworks:** reactJs, react native, NextJs
- **Mobile App Development:** both IOS and android using React Native
- **Cybersecurity:** Network Security, End Devices Security, Web Security, Application Security, Risk Management, Vulnerability Assessments, Ethical Hacking
- **Network Administration:** CCNA, CyberOps
- **AI and Machine Learning:** fundamentals
- **IoT (Internet of Things)**
- **Programming Languages:** JavaScript, C++, Python, PHP
- **Version Control:** Git, GitHub
- **Soft Skills:** Problem-Solving, Continuous Learning, Teamwork, Communication Skills

Education: Diploma in Software Engineering Zetech University, Nairobi, Thika Road