

Dancan Ongong'o

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Portfolio: danray472.github.io/portfolio/

Profile Highly motivated and detail-oriented Software Engineer with a strong foundation in full-stack web development, networking, and cybersecurity. Proficient in the MERN (MongoDB, Express.js, React.js, Node.js) stack, dedicated to leveraging technology to solve complex problems. Eager to contribute as a full-stack developer to innovative projects that enhance user experiences and drive 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 Developer

- Developed and deployed multiple web applications using the MERN stack, ensuring high performance and responsiveness.
- Created user-friendly web applications with React.js, enhancing the user experience.
- Implemented RESTful APIs with Express.js and Node.js, facilitating seamless data communication.
- Integrated JWT for secure authentication and authorization, improving data security.
- Collaborated with cross-functional teams to troubleshoot and resolve issues, leading to a 20% increase in project efficiency.
- Managed project timelines and deliverables, consistently meeting deadlines.

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