Ongabi Stephen Ongera

Full Stack Software Developer

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Summary:

Innovative and versatile full-stack software developer pursuing a Bachelor of Science in Information Technology at Murang'a University of Technology. Skilled in creating scalable, user-friendly applications using modern technologies like Django, React, and Node.js. Passionate about leveraging technology to solve real-world problems, with hands-on experience in building responsive web platforms, APIs, and database-driven applications. Eager to bring strong coding expertise, problem-solving abilities, and a collaborative mindset to a dynamic development team.

Education:

Bachelor of Science Information Technology
Murang'a University of Technology
Expected Graduation: August 2026 (Ongoing)
Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Web Development, Software Engineering

Technical Skills:

- **Languages:** Python, Java, C#, Kotlin , PHP, TypeScript, JavaScript, HTML, CSS, C++
- **Frameworks:** Django, React, Angular, Node.js , .NET Framework , Spring Boot , PHP Laravel
- **Databases:** PostgreSQL, MySQL, MongoDB ,SQLite , Oracle
- **Frontend:** Bootstrap, Tailwind CSS, jQuery, SASS
- **API Development:** RESTful APIs, GraphQL APIs
- **Version Control:** Git, GitHub
- **Testing:** Unit Testing, Jest, Django TestCase, Selenium, Mocha, Chai
- **DevOps & Deployment:** Docker, Kubernetes, AWS, Azure, Railway, Render, Vercel
- **Tools:** VS Code, PyCharm, Sublime Text, Postman, Figma, Eclipse, IntelliJ IDEA

Projects:

Point of Sale (POS) System

- Developed a POS system to address inefficient sales processes and inventory management in small businesses.
- The system provides real-time inventory tracking and sales reporting, significantly reducing manual errors and enhancing operational efficiency. From his we achieved seamless transaction processing through secure payment integration. Increased transaction accuracy by 30% and reduced inventory errors by 50%.
- **Technologies:** Django, PostgreSQL, React , Ajax , Javascript , Kubernets , Restful APIs .

Online Shopping Application

- Built an e-commerce platform to solve challenges in providing seamless online shopping experiences. Features include a responsive interface, shopping cart functionality, and a product catalog with advanced search and filter options.
- Improved user satisfaction by simplifying the buying process and ensured robust order management for vendors. Hence we achieved 40% faster page loads and a 25% increase in user retention.
- **Technologies:** Django , Postgresql , React, Javascript , HTML , CSS , Docker .

Online Bus Booking Application

- Designed a booking system to eliminate inefficiencies in passenger ticketing processes.
- Introduced real-time seat availability and reservation capabilities with secure payment gateway integration. Enhanced customer convenience and reduced booking time by 50%. Increased booking accuracy by 35% and reduced operational costs.
- **Technologies:** Django , Javascript, CSS , HTML ,Django REST Framework, PostgreSQL.

Rental Management System

- Created a platform to simplify property management tasks such as rent collection and tenant communication.
- Automated notifications for payments and lease renewals, improving task efficiency. Centralized tenant data management and streamlined communication. Reduced payment delays by 40% and improved tenant satisfaction by 30%
- **Technologies:** Django , RestFul APIs , Postresql , React, GraphQl, Javascript .

Certifications:

Python for Everybody Specialization - Coursera (2022)
Django for Beginners - Real Python (2023)
Microsoft Certified: Azure Developer Associate (2024)

Additional Skills:

Strong problem-solving and analytical skills
Excellent verbal and written communication
Quick learner with a passion for staying updated with the latest technologies
Ability to work effectively in team environments and independently
Fluent in English and Swahil