IMANI NDOLO

SOFTWARE ENGINEER

CONTACT

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EDUCATION

2023 - 2025
KENYATTA UNIVERSITY

- Master of Science, Applied Mathematics

2018 - 2022
MACHAKOS UNIVERSITY

- Bachelor of Education
- GPA: 3.7 / 4.0

SKILLS

- Python, JavaScript, HTML, CSS
- Django, React, RESTful APIs
- PostgreSQL, SQLite
- Frontend-Backend Integration, Responsive Design
- Git/GitHub
- Analytical Problem-Solving, Algorithm Development

PROFILE

Motivated software developer with a strong academic background in Applied Mathematics and expertise in Python, JavaScript, Django, and React. Skilled in building scalable, user-friendly web applications, leveraging advanced mathematical modeling and computational skills to create innovative software solutions. Passionate about solving real-world problems at the intersection of technology and mathematics, with a focus on backend and full-stack development.

WORK EXPERIENCE

Freelance Software Developer   2023 - PRESENT

- Built scalable e-commerce solutions, integrating secure payment gateways, user authentication, and real-time data management using PostgreSQL.
- Delivered custom web solutions to clients, including portfolio websites, management systems, and interactive dashboards, with a focus on clean, maintainable code.
- Leveraged JavaScript to enhance frontend functionality and user experience through dynamic content and reusable components.
- Applied advanced knowledge of numerical methods and simulations in developing computational tools and web-based applications.
- Collaborated with clients to gather requirements, propose technical solutions, and ensure on-time delivery of high-quality software.
- Continuously enhanced technical skills through online courses, coding challenges, and open-source contributions, staying updated with the latest technologies and frameworks.

ACHIEVEMENTS

- Successfully built and deployed full-stack applications with Django and React, demonstrating proficiency in both backend and frontend development.
- Applied advanced mathematical concepts to develop efficient algorithms for computational problems.
- Designed a personal portfolio website to highlight technical projects and academic accomplishments.