

Nelly Kamenya

Full Stack Developer

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Self-starting and resourceful Full Stack Developer with experience implementing front-end and back-end coding. Proven problem-solver with solid grounding in data-driven applications and concepts. Excelled in cross-functional collaboration, significantly improving project delivery times. Demonstrated commitment to professional growth by mastering AWS and Docker, showcasing both technical prowess and adaptability.



Skills

- Javascript
- Typescript
- Node.js/npm
- MySQL & PostrgeSQL & Mongo
- AWS
- Docker
- Version Control & CI/CD , Jest, Swagger, Agile, GIT
- Angular



Work History

- Full Stack Developer Trainee**
WeCode.Hub, Nairobi, Kenya (Remote)
 - Designed RESTful APIs for seamless integration between frontend components and backend services of web applications.
 - Delivered high-quality code documentation following industry standards to facilitate future maintenance or enhancements by other developers within the team.
 - Supported the deployment process by collaborating with DevOps team members to ensure seamless integration of developed features into production environments.
 - Stayed current on industry trends by attending conferences, workshops, webinars, and pursuing online courses to continually refine programming skills.
 - Improved website loading time and responsiveness by optimizing images, minifying CSS/JavaScript files, and leveraging browser caching

2023-12 - Current

2022-01 - 2024-05

techniques.

- Collaborated with cross-functional teams to deliver software projects on time and within budget constraints.
- Optimized database performance with the integration of SQL and NoSQL databases in application development.
- Streamlined back-end processes for improved efficiency by implementing Node.js and Express frameworks.

Web Developer

Kingsman Engineering & Industrial Insulation, Nairobi, Kenya

- Provided front-end development support, creating visually appealing designs that aligned with brand standards.
- Enhanced user experience by implementing responsive web design and optimizing website performance.
- Resolved technical issues promptly, ensuring minimal disruption to website performance and user satisfaction.
- Enhanced site visibility and user engagement by optimizing web content for SEO.
- Ensured cross-browser compatibility: Tested and optimized websites to function seamlessly on various browsers and devices.
- Improved website speed: Implemented performance optimizations to enhance load times and user satisfaction.
- Managed content updates: Regularly updated website content to keep information fresh and relevant.

2019-10 - 2019-12

Digital Marketing Volunteer

Still A Mum, Nairobi, Kenya

- Increased brand awareness by creating and executing targeted digital marketing campaigns.
- Enhanced email marketing effectiveness with personalized content, segmented lists, and compelling subject lines.
- Optimized paid advertising campaigns for maximum return on investment using data analysis tools.
- Strengthened online presence through engaging social media management and consistent posting schedules.
- Collaborated with cross-functional teams to integrate digital marketing efforts into overall business strategies seamlessly.



Education

2024-02 - 2024-04

Software Engineering

Africa Leadership University - Nairobi, Kenya

2024-09 - 2024-12

Bachelor of Science: Plant Sciences

Rongo University - Mlgori, Kenya

- Degree Awarded with Second class Upper Division
- Biotechnology, Kenya Forestry Research Institute HQ, Completed 2019



Languages

English: Native language

Swahili

Upper intermediate (B2)

2024-09

2024-09

2024-09

2024-04

2024-04



Certifications

- DevOps Pre-Requisite Course (KodeKloud)
- Docker Training Course (KodeKloud)
- Github Actions (KodeKloud)
- Javascript Algorithms and Data Structures (freeCodeCamp)
- Responsive Web Development (freeCodeCamp)



Projects

Projects

CrowdFunding page - Frontend

May - June 2024

Stack: Vanilla Js, Css , Html, DOM

Provides interactivity for the crowdfunding project webpage. Handles ,modal opening and closing, radio buttons selection, pledge submissions progress bar updates, local storage of data and displays a countdown timer.

Link: <https://crowd-funding-product-page-clone.vercel.app/>

Todo-API - backend

Sept - Oct 2024

Stack: Node.js, Javascript , npm ,Express Framework, CI/CD, Redis,Knex,PostgreSQL, JOI,JWTs for authentication, authorization, postman,swagger,github workflows.

A simple backend API that leverages best practices when building applications. Api provides endpoints for creating,retrieving,updating and deleting tasks using knex for database interactions,the database used is postgresSQL. Leverages Redis for caching, Joi for input validation and a rate limiter.

Link: https://github.com/WangariNelly/todo_api



Project

Food Order-backend System-

July - August 2024

Stack: Node.js, Typescript , npm ,Express Framework,Mongo, Mongoose, JWTs, postman.

A backend API that leverages Node.js and Typescript to perform al CRUD functions using postman and cuRL for endpoints testing and Mongo for the database

Link: <https://github.com/WangariNelly/food-order-backend-system>