

ERICK GICHUKI
SOFTWARE ENGINEER

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SUMMARY

I'm a Software Engineer with a strong background in both frontend and backend development. I thrive on learning new technologies and continuously applying my skills to create efficient and innovative solutions.

Passionate about leveraging my experience to tackle complex challenges and drive impactful results.

SKILLS

Data Structures and Algorithms

Selection sort, Quicksort, Recursion, Breadth-first search, Dijkstra's, Greedy algorithm and Dynamic programming.

Programming Languages

HTML, CSS, JavaScript, React, Next.js, Tailwind Css, Python, Flask, Django

Communication and Soft Skills

Effective communication (English). Ability to lead and manage projects. Decision-maker and problem-solver.

EXPERIENCE

Correlaction Africa Limited | Data Analyst

Nairobi, Kenya 2023-2024

- Analyzed Unilever market data to identify issues and provided actionable solutions enhancing their market performance.
- Leveraged Advanced Excel skills for extensive data manipulation, improving data accuracy and efficiency in reporting.
- Optimized product strategies and driving market growth.

Key Accomplishments:

Significantly reduced the number of restricted outlets Kisumu by 6% which led to more profit.

EDUCATION

Moringa School | Software Engineering

Nairobi, Kenya Feb 2024 - Aug 2024

- Frontend Development and Backend Development.
- Soft Skills.
- Data Structures and Algorithms.

Power Learn Project | Software Development

Nairobi, Kenya Feb 2024- May 2024

- Software Development.
- Business Communication.

University of Embu | Bachelor of Economics and Statistics

Embu, Kenya Aug 2019 - Apr 2023

- Probability computations.
- Calculus and Hypothesis testing.
- Data Analysis
- Econometrics

PROJECTS

Erick Solutions - [Project Link](#)

An ecommerce website that showcases a curated collection of best selling items, complete with detailed product insights and competitive pricing.

Features:

- Intuitive UI that is easy to navigate and ensures responsiveness across all devices.
- Enhanced UX which ensures quick load times, smooth transitions, and minimal clicks for users to browse, filter and purchase products effortlessly.
- Robust authentication and authorization enhancing data security.

Technologies: React, Tailwind CSS and Firebase.

SpaceHub Platform - [Project Link](#)

A dynamic web application designed to make users easily discover and book unique spaces for a variety of events.

Features:

- Intuitive booking flow.
- Mpesa Integration
- Security and user management.

Technologies: React, Flask, Tailwind CSS and Postgresql.

Daniel Designs - [Project Link](#)

A modern platform for interior designs created with a focus on modern designed aesthetics and user experience.

Features:

- Robust authentication and authorization.
- Reliable and secure data storage.

Technologies: React, Flask, SQL and Tailwind CSS.

HOBBIES

Riding

Ride every evening after a busy day.

Playing piano

Enjoy playing piano on weekends.

Reading

Aim to read one book per month.

REFERENCES

Dr. Rogers Ochenge

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Dr. Paul Mugambi

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