# Tony Omondi Ouma

SOFTWARE ENGINEER

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## Professional Summary

Experienced Frontend Engineer specializing in UI/UX implementations for mobile, and web applications. Passionate about creating intuitive, user-centered applications that enhance usability and engagement. With a strong background in financial technology, and EdTech solutions, I have worked with global companies to build seamless digital experiences. I excel in React, Next.js, React Native, Tailwind CSS, Tanstack Query, React Query, RTK Query, Graphql, and collaboration with cross-functional teams to deliver scalable products.

# Work Experience

## Gapstack

### Software Engineer | December 2023 — Present

- Collaborating with the product and backend teams to enhance supply chain finance solutions that connect buyers, suppliers, and financiers.
- Developing responsive web interfaces using React, TypeScript and modern frontend frameworks that improve the user experience of Gapstack's digital supply chain management platform
- Implementing complex financial workflows and data visualization components for supply chain analytics dashboard.
- Contributing to technical architecture decisions and providing expertise on frontend best practices and performance optimization.

## Kidato

### Software Engineer | July 2022 — February 2024

- Developed Kidato's Live Online Academic web application, overseeing the product roadmap, sprint planning, and cross-functional team coordination.
- Built and maintained The Kidato Explorers Club web application, coordinating with design and backend teams to ensure seamless user experience.
- Designed data-driven dashboards and interfaces, improving efficiency and decision-making.
- Designed and developed grow.kidato.com, a corporate learning solution with integrated payment processing, driving new revenue streams.

## Data Integrated Limited (DIL)

### UI Designer | March 2022 — December 2023

- Designed internal mobile applications
- Created internal systems and dashboards for smart public transport solutions to retail payments and payroll management.
- Led user testing sessions to validate design concepts, analyze results, and implement data-driven improvements.
- Designed marketing and brand collaterals, ensuring consistency across digital platforms.

## Data Integration Technologies (DIT), Fintech-Group

### Software Developer | May 2021 — Feb 2022

- Designed, developed, and tested solutions for core system software based on client requirements and business objectives.
- Translated business and functional requirements into technical specifications and development roadmaps.
- Led the development of software prototypes, ensuring conformance to system requirements while maintaining quality standards.
- Provided client support and training for current and legacy systems, improving client satisfaction and retention.

# Education

## Bachelor of Science Mathematics and Computer Science (BMCS)

Technical University of Mombasa | 2016 — 2020

# Skills & Tools

- UI/UX Design | Wireframing | Prototyping | Interaction Design | Design Systems
- User Research & Testing | Usability Testing | A/B Testing | Data-Driven Design
- Design Tools: Figma, Sketch
- Development Collaboration: React | Next.js | React Native | Tailwind CSS | Tanstack Query | React Query | RTK Query | Graphql | HTML/CSS | Agile & Scrum
- Soft Skills: Team Collaboration | Problem Solving | Adaptability | Leadership

# Referees

*Available upon request.