

## Profile

Full-stack software engineer with 6+ years of experience building scalable fintech, Web3, and SaaS platforms. Skilled in React, Node.js, and TypeScript, delivering secure, high-performance applications adopted across multiple markets. Proven ability to ship fast, lead cross-functional teams, and turn complex requirements into products that users love.

## Employment History

Full Stack Software Engineer, GasHawk, Middletown, US

April 2024 — August 2025

- Rebuilt and redesigned the core web application (React, TypeScript), improving reliability and reducing load times for a smoother user experience.
- Implemented a secure authentication system and optimized REST APIs, cutting latency and eliminating recurring timeout errors.
- Developed multi-chain interoperability and a quota plan system, enabling seamless support across multiple EVM-compatible networks.
- Enhanced the Framer-powered marketing site with a streamlined gas savings checker, increasing developer engagement and improving product visibility.

Full Stack Software Engineer, IOTA, Nairobi

November 2023 — April 2024

- Built backend systems to automate the exchange of SPS documents between IOTA and partners, reducing manual steps and improving process reliability.
- Revamped the TLIP web app frontend with React and TypeScript, enhancing usability and delivering a smoother, more responsive user experience.

Full Stack Software Engineer, Syndicate

April 2021 — March 2023

- Built and deployed a production-ready Web3 dApp in under 3 months (TypeScript, React, Ethereum/Polygon), accelerating Syndicate's go-to-market timeline.
- Launched Collectives, enabling NFT-based communities to organize around generative art and driving early engagement among creators and collectors.
- Designed and delivered a GraphQL backend for storing off-chain data in just one month, improving data accessibility and reducing integration complexity.
- Increased smart contract reliability by implementing a comprehensive automated testing suite, reducing the risk of regressions and strengthening security.

Front End Engineer, Cellulant, Nairobi

November 2019 — March 2021

- Improved accessibility and usability of payment apps by redesigning flows in React/Next.js.
- Optimized checkout UX across 6+ payment options, leading to smoother transaction completion.

## Links

[Personal website](#)

[Github profile](#)

[LinkedIn profile](#)

## Skills

React



Node.js



Typescript



Solidity



Vue.js



GraphQL/REST APIs



Postgres/NoSQL Databases



Firebase



## Languages

Swahili

English

## Full-Stack Software Engineer, Andela Kenya Ltd, Nairobi

*November 2018 — September 2019*

- Delivered multiple front-end applications with ReactJS on tight sprint cycles, enabling faster product iterations and improving user experience.
- Developed and deployed a REST API with Python/Django that supported scalable data handling and reduced backend response times under production load.

## Team Leader, Samasource Kenya Ltd, Nairobi

*June 2016 — November 2018*

- Led a 22-person team in executing a large-scale web crawling project for Glassdoor.
- Coordinated workflows, evaluated team performance, and delivered constructive feedback that improved accuracy and efficiency.

## Education

Bachelor's Degree in Information Technology, Jomo Kenyatta University of Agriculture and Technology, Nairobi

*January 2012 — January 2015*

Graduated with First Class Honors

## References

Dr. Daniel Pfeffer, CTO from GasHawk

daniel@gashawk.io

Victor Mutai, Senior Software Engineer from IOTA

victormutaijambo@gmail.com

Nathan Hausman, former CTO from Syndicate

nate.hausman@gmail.com