

# KIDUS MESFIN

## PROGRAMMER

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### SUMMARY

Driven and adaptable **Software Engineer** with 3+ years of experience in **full-stack development**, **system design**, and **algorithmic problem solving**. Skilled in building scalable web applications using **React**, **Next.js**, **Node.js**, and **MongoDB**. Currently pursuing a **BSc in Computer Science at HiCoE** and training with **A2SV** on advanced data structures and algorithms. Passionate about leveraging technology to solve impactful problems across Africa.

### EDUCATION

**Bachelor in Computer Science**, *HiCoE School of Computer Science & Technology* 2022–Present

- HiCoE is a leading Ethiopian institution focused on innovation and practical computer science education, with close collaboration with tech industry experts.
- Relevant Coursework:** Data Structures & Algorithms, System Design, Object-Oriented Programming, Software Engineering, Web Development.

**Advanced Data structure and Algorithm**, *A2SV* 04/2025 – Present

Selected participant in a competitive 6-month mentorship program focused on advanced algorithms, problem-solving, and global tech exposure.

### EXPERIENCE

**Senior Software Developer**, *Andro Solutions* 03/2025 – Present

- Led a cross-functional team to develop scalable web platforms for clients using **Next.js**, **Node.js**, and **MongoDB**.
- Optimized backend performance and implemented CI/CD pipelines, reducing deployment times by 40%.
- Mentored junior developers on best practices in software architecture and version control.

**Junior Software Developer**, *The Idea Vault* 2022 – 01/2024

- Designed and maintained company websites and visual assets, improving user engagement by 25%.
- Managed brand consistency and led cross-border social media campaigns.

### Organisations

**A2SV (Africa to Silicon Valley)**, *Member* 05/2025 – Present

- Engaged in high-level algorithmic training and collaborative software projects with top African engineers.
- Gained mentorship from global tech professionals and contributed to real-world solutions.

### SKILLS

#### Languages

Python, JavaScript, TypeScript, C++, PHP, Java

#### Frameworks & Libraries

React, Next.js, Node.js, Express.js, Flask

#### Databases

MongoDB, SQL, Firebase

#### Tools

Git, Figma, Postman

### Projects

**Homely**, *Rental Platform* 01/2024 – Present

- Designed a platform connecting renters and homeowners with live search and booking systems.
- Technologies:** React, Node.js, MongoDB, Firebase.
- Integrated real-time notifications and payment gateways.

**Streamsynx**, *Movie Streaming Site* 01/2023 – 03/2023

- Developed a modern movie streaming platform that fetches real-time data from **The Movie Database (TMDb)** API.
- Implemented dynamic movie listings, search and filtering, and responsive UI for seamless viewing.
- Integrated authentication, favorites, and watchlist features using **Next.js**, **Firebase**, and **Tailwind CSS**.
- Technologies:** React, Next.js, Firebase, TMDb API, Tailwind CSS.

### LANGUAGE

- AMHARIC
- ENGLISH