Desire Kaleba

LinkedIn | GitHub | desirekaleba@gmail.com

EDUCATION

INTERNATIONAL UNIVERSITY OF EAST AFRICA

BACHELOR'S DEGREE IN COMPUTER SCIENCE

2016 – 2019 | Kampala, Uganda

CERTIFICATIONS

2023	AWS Certified Cloud Practitioner
2023	Google Cloud Fundamentals
2023	Advanced React – Triplebyte Certified
2021	NodeJS E-Commerce API

TECHNICAL STACK

LANGUAGES
TypeScript • JavaScript (ES6+) • Python
Go • Rust • Java

FRONTEND
React.js • Next.js • TailwindCSS

BACKEND
Node.js • NestJS • Express
Django • AWS Lambda

DEVOPS & INFRA
Docker • AWS • Kubernetes
Terraform • CI/CD • Jenkins

DATABASES
PostgreSQL • MySQL • Redis
MongoDB

PRACTICES
TDD • BDD • Agile • DevOps
Microservices • Monorepo

PROFESSIONAL SUMMARY

Lead Full-Stack Engineer with 7+ years of experience building scalable applications and leading distributed engineering teams. Proven expertise in TypeScript, Node.js, and cloud-native architecture, with a strong foundation in both backend and frontend development. Passionate about solving complex challenges through clean code, mentoring developers, and continuously improving engineering practices. Recently led a full migration to a monorepo architecture and built robust microservices used by thousands.

EXPERIENCE

STARTUPBLINK | LEAD SOFTWARE ENGINEER
Oct 2023 – Present | Remote

- Leading architecture and development of a modular monorepo using TypeScript, Turborepo, Prisma, Redis, and MySQL
- Migrated legacy JS scripts to modern, scalable TypeScript packages, improving performance and team collaboration
- Drive technical design decisions and mentor a cross-functional team on best practices and clean code

STARTUPBLINK | SOFTWARE DEVELOPER
Oct 2022 – Sep 2023 | Remote

- Delivered web apps using React.js, Next.js, Node.js, and TailwindCSS
- Boosted delivery speed by 30% by streamlining CI/CD pipelines and introducing code standards
- Actively involved in stakeholder communication, ensuring tech alignment with business goals

ENTENDRE FINANCE | FULL-STACK DEVELOPER
Sep 2022 – May 2023 | Remote

- Built backend infrastructure using Node.js, AWS Lambda, and MongoDB in a monorepo architecture
- Integrated blockchain ecosystems (Solana, Arbitrum, Optimism)
- Created performant lambda functions and built modern frontends with Gatsby and Next.js

SIDE HUSTLE | NODE.JS MENTOR & TECHNICAL CURRICULUM DEVELOPER
Feb 2022 – Dec 2022 | Remote

- Mentored over 1,800 junior developers on backend architecture, resilience, and real-world problem solving
- Designed and recorded a Node.js curriculum, quizzes, and advanced capstone challenges

MANAKNIGHT DIGITAL | SENIOR SOFTWARE DEVELOPER
May 2021 – July 2022 | Remote

- Developed secure APIs with OAuth2, AWS, and MongoDB
- Increased client product sales by 70% by reducing bugs and improving feature velocity

FASTOSERVICES | SOFTWARE DEVELOPER
Oct 2019 – May 2021 | Remote

- Designed scalable cloud solutions using Docker, AWS, Terraform, and Ansible
- Led multiple deployments and performance-tuning efforts in production systems