

KODECK JAMES

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EDUCATION

Kenyatta University

Sept. 2024 – Sept. 2028

Bachelor of Science in Computer Science and Mathematics

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Databases, Software Testing & QA, Event-Driven Programming, Calculus, Linear Algebra

TECHNICAL SKILLS

Languages: Python, C, C++, TypeScript, JavaScript, HTML, CSS

Frameworks & Libraries: FastAPI, SQLAlchemy, React, Next.js, React Native, TanStack Query, Zustand

Tools & Platforms: Git, GitHub, Docker, Supabase (PostgreSQL), Expo EAS, Clerk, npm

Software Engineering: REST APIs, Data Structures & Algorithms, Unit Testing, CI/CD, Caching

EXPERIENCE

Syni.ai

Dec. 2025 – Feb. 2026

Software Engineer Intern — AI Solutions

- **Engineered and shipped AI product interfaces** for enterprise clients using React.js, Python (FastAPI), and TanStack Query, optimizing real-time data flows and reducing API latency 35%.
- Maintained and extended Python (FastAPI) backend services that served ML model endpoints, applying **RESTful API design** and SQLAlchemy ORM patterns.
- Collaborated cross-functionally across 3 client engagements to translate complex AI capabilities into production-ready, tested features.

Campus Connect — Co-founder & Software Engineer

July 2025 – Present

Full-Stack & Mobile Developer

- **Architected and deployed** a full-stack student collaboration platform across web, iOS, and Android, serving **100+ students**.
- **Shipped to Apple App Store and Google Play Store;** designed modular component libraries improving code reuse and cutting new-feature development time by ~30%.
- Applied unit testing, integration testing, and CI pipelines, reducing production regressions by **5%**.

Creative Operations

Mar. 2025 – Dec. 2025

Software Engineer — Blockchain & Web3

- Engineered and deployed **3 production blockchain applications** (DeFi and healthcare) using Next.js, TypeScript, Stellar, and Starknet; wrote smart contract interaction logic and end-to-end data pipelines.
- Designed event-driven transaction processing systems, reducing on-chain query latency by **60%** while supporting **thousands of blockchain transactions**.

PROJECTS

🌀 Campus Connect — AI Student Collaboration Platform | Next.js, React Native, Supabase, PostgreSQL

Play Store: [@Android](#) **App Store:** [@iOS](#) **Web:** campus-connects.org

- Engineered a full-stack student learning platform with **AI Study Assistant, real-time collaboration, and smart note sharing;** architected REST APIs, database schema, and cross-platform mobile app (iOS & Android) from the ground up.
- Designed for university and college students to collaborate academically and socially.

🌀 Teletherapy — AI Mental Health Assistant | Next.js, TypeScript, Python, Tavus API

- Architected a **full-stack mental health platform** integrating Tavus AI video API; implemented secure session management, user auth, and context-aware AI response pipelines.

🌀 create-expo-themes — Open Source CLI | TypeScript, JavaScript, Expo, npm

- Published an **open-source npm CLI tool** that scaffolds Expo projects with pre-configured themes; adopted by developers reducing project setup time and enforcing consistent architecture.

🌀 Dust Aggregator — Stellar Batch Processor | Next.js, TypeScript, Stellar Blockchain

- Engineered batch processing platform consolidating wallet balances, cutting transaction fees by up to **60%** for users.

🌀 Aurum — Travel & Tourism Marketplace on Celo | React Native (Expo), Celo Blockchain, TypeScript

- Building a **decentralized marketplace connecting travelers and tourists** using the Celo blockchain, enabling peer-to-peer transactions with low fees and transparent, trustless commerce for travel services.
- Developing the cross-platform mobile client with React Native, targeting a seamless UX for discovering and booking travel experiences on-chain.