

JOSEPH DELALI KODZO ETSE

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SUMMARY

Innovative technology leader specializing in backend development. Successfully led major projects such as FundWeave and Votex, achieving substantial user engagement and financial milestones. Dedicated to leveraging strategic technical expertise to drive impactful solutions in dynamic digital environments.

EDUCATION

Kwame Nkrumah University of Science and Technology

Bachelor's degree, Computer Science.

Kumasi, Ghana

September 2019 – September 2023

RELEVANT WORK EXPERIENCE

Votex365

Accra, Ghana

Co-Founder and CTO

March 2023 – Present

- Developed and manage the Votex [e-voting platform](#); onboarded over 50 clients and processed over GHS2,000,000.00 in transactions.
- Developed and launched a [crowdfunding platform](#) for public and private campaigns that raised over GHS10,000 within the first month of operation. [Demo](#).
- Developed and launched a [business email solution](#) that provided professional email services to 4 businesses within its first week of operation. [Demo](#).
- Handled planning, budgeting, team management, and daily operations resulting in improved operational efficiency and reduced overhead costs.

SeveighTech

Accra, Ghana

Founder and Solutions Architect

November 2022 – August 2025

- Led the full-stack development of [Catalog GH](#), a public portfolio for built environment professionals; built the backend with Python (FastAPI), designed database models, handled server hosting, integrated Google Sign-In and Cloudflare R2, and later completed the frontend using JavaScript (React + Vite) after supervising the initial frontend team.
- Designed the platform architecture and supervised a development team to deliver [the website](#) for the Pharmaceutical Students' Federation of Ghana, which has been in active use for over 2 years.

Ceruba Inc.

Accra, Ghana

Software Engineer, Backend – Python FastAPI

January 2023 – October 2024

- Developed the core API for serving every user for the Ceruba hotel booking platform using python (FastAPI).
- Collaborated with the frontend team to integrate the API into mobile and web applications.
- Designed and implemented backend infrastructure including database models with SQLAlchemy on Supabase, scheduled tasks using GitHub Actions, cloud storage and hosting via AWS, email and SMS delivery through Courier and Arkesel, and integrated Paystack for payment processing.

Jejelly

Accra, Ghana

Software Engineer Intern, Backend – Python FastAPI

June 2022 – October 2022

- Built a Feedback Portal API using python (FastAPI).
- Developed a staff recruitment portal API to streamline the hiring process.

PROJECTS

Online Yearbook

- Developed an online yearbook platform allowing graduates to upload photos and comments.
- Received 33 uploads at launch: [Demo](#).

SVTLottery

- Built a blockchain lottery platform using the Arbitrum network and Chainlink VRF: [Demo](#).

SKILLS

- **Languages:** Python, JavaScript, Solidity, C, C++, Java.
- **Frameworks:** FastAPI, Flask, React.
- **Database:** MySQL, PostgreSQL, Redis.
- **Cloud & DevOps:** AWS (S3, ECS, IAM, Lightsail, CloudFront), Cloudflare (R2, DNS).
- **Other:** REST API, Database management, Payment Gateway Integration, USSD Integration, Web Scraping, API Development, Web Development, CRON Jobs, Blockchain, Web3, Browser Automation (Selenium), Hardware Automation (Arduino, Raspberry Pi), Server Deployment and Management, Agile Methodologies, Git and GitHub.

CERTIFICATIONS

- [edX Verified Certificate for CS50's Introduction to Computer Science – edX](#). 2020
- [ALX Founder Academy – ALX Ventures](#). 2024