DAVID EZEH
SOFTWARE ENGINEER

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I am a Software Engineer committed to delivering **impactful solutions** that address real needs. With a **passion for excellence**, I approach every task with **utmost diligence** and strive to contribute to **organizational success** by providing **exceptional value** to customers while ensuring **profitability**.

EDUCATION

B.Sc. Computer Science. Babcock University, Nigeria   (September 2020 – July 2024)
CGPA: 4.56/5.00 – **First Class Honors.**

PROJECTS

- **BUSA App:** The official application of the Babcock University Student Association. Link to BUSA App. Technologies used: **React Native, Javascript, NodeJS, ExpressJS, MongoDB, Firebase, Git**. User Acquisition: **4.3k+ downloads in 11 months.**

- **Ease:** This project makes commerce more efficient and covenient across all channels of distribution. Link: Ease. Technologies: **React Native, TypeScript, ExpressJS, Git, Firebase**. Private Beta release soon.

- **BlockVote:** A service for secure, accountable and tamper-proof elections powered by blockchain technology.Link to prototype: Blockvote.Technologies: **React, ExpressJS, Solidity, Hardhat, Ethers.js, Git, Docker, Kubernetes, Jenkins**.

PROFESSIONAL EXPERIENCE

Lead Backend Engineer (Remote)   (June 2024 – Present)

Ease Inc - easecommerce.xyz   Lagos, Nigeria

- **Design, develop, document and oversee** the backend architecture of the Ease app to ensure scalability, reliability, and maintainability using **Typescript, Node/ExpressJS, Swagger, MongoDB, Git**.

- Ensure **comprehensive documentation** of API specifications, and deployment procedures.

- **Planned the development** of the Ease app with major company stakeholders, aligning backend development goals with overall business objectives.

Backend Engineer & Co-Lead (Hybrid)   **(**January 2022 - June 2024)

Light Partners LLC - lightglobal.xyz   Lagos, Nigeria

- **Designed, built, and deployed** a robust backend system for the BUSA App, so far **benefiting over 4000** Babcock University students using **Javascript, NodeJS, ExpressJS, Firebase, and MongoDB**.

- **Co-led the team** from conception through every phase of BUSA App's development lifecycle, including initial planning, design, development, testing, and deployment, culminating in achieving **over 4300 downloads within the first 11 months**.

- Implemented backend optimizations that **reduced monthly costs by 21.11%** while maintaining an **excellent user experience.**

- **Conducted thorough testing and debugging** of the backend components, identifying, and resolving critical issues to deliver a stable and reliable application. **Stayed up to date** with technologies used and **adpated changes based on user feedback**.

Junior IT Specialist, Intern (Onsite)   (January 2023 – June 2023)

ILF Consulting Engineers - ilf.com   Lagos, Nigeria

- **Successfully developed** an Inventory Management System with **Python, Django, HTML5, CSS3, MySQL** in two months for the entire ILF Consulting Engineers in Nigeria, providing departments a seamless interface for managing inventory.

- **Proactively spearheaded a knowledge-sharing initiative** by organizing **daily 30-minute programming lessons for engineers** on the fundamentals of **JavaScript**, running for four months.

VOLUNTEERING

Backend Developer, Babcock University Computer Club   (August 2023 - January 2024)

SKILLS & TECHNOLOGIES - PROFESSIONAL PROFICIENCY AND ABOVE WITH SOFT SKILLS I HAVE SHOWN SO FAR

Hard: TypeScript, JavaScript, Python, Solidity | NodeJS, ExpressJS, Django, NestJS, Hardhat | SQL, NoSQL | Git | Docker, Kubernetes, Jenkins | AWS, Firebase | Swagger | Mocha, Jest

Soft: Leadership, Collaboration, Communication, Problem-Solving, Adaptability, Initiative, Creativity, Time Management.