david ezeh

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# professional experience

**Light**

Backend Developer | August 2022 - Present

* Successfully built and deployed a robust backend system for the “BUSA App”, benefiting over two thousand Babcock University students. Utilized **NodeJS**, **ExpressJS**, and **MongoDB** to create features like **Real-time News** feed, **Event ticketing with payment processing**, and a **Task Scheduler** which has **improved information sharing**, **simplified ticket purchases**, and **enhanced organizational abilities for students**. Achieved a **100% reduction in event ticket losses** for the student association.
* **Led the team** through every phase of BUSA App's development lifecycle.
* Implemented **API Management** techniques to prevent abuse, **ensure fair usage**, and **maintain server performance and stability**, resulting in **a seamless and efficient 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 the latest industry trends and emerging technologies, **incorporating best practices** into development processes and suggesting innovative solutions.

**ILF Consulting Engineers**

Junior IT Specialist, Intern | January 2023 – June 2023

* Learned **Python and Django** in two months and successfully developed an **Inventory Management System** for the entire ILF Consulting Engineers in Nigeria, providing departments a **seamless interface for managing inventory**.
* Assisted senior IT specialists in **troubleshooting hardware and software issues**, providing technical support to staff across the organization.
* Supported the **implementation and maintenance of IT policies and procedures**, ensuring **compliance with industry standards and regulations**.
* Participated in the **setup and configuration of new hardware and software**, contributing to **seamless onboarding processes for new employees**.
* Proactively **spearheaded a knowledge-sharing initiative by organizing daily 30-minute programming lessons** for engineers on the Fundamentals of **JavaScript**. This initiative ran for an extensive period of **4 months.**

# skills

* Programming languages: **JavaScript**, **TypeScript**, **Python.**
* Frameworks and Tools: **NodeJS**, **ExpressJS**, **NestJS**, **Django, Firebase.**
* Database systems: **MySQL**, **MongoDB**, **PostgreSQL.**
* Version control using **Git.**
* Fluent in the **English** Language.

# projects

* **BUSA App:** The official application of the Babcock University Student Association. Link to [BUSA App](https://play.google.com/store/apps/details?id=com.st33v3.busa_app) on play store, Link to [BUSA App](https://apps.apple.com/us/app/busa-app/id6450320905) on App store. Technologies used: **NodeJS**, **ExpressJS**, **MongoDB**, **Firebase, Git.**
* **Inventory Manager**: This platform effectively caters to the needs of the Business, Facility, Safety, and Information Technology departments of ILF Engineers Limited, streamlining their inventory management processes. Link to [Github](https://github.com/KingDavidsHub/Inventory-Manager) repository. Technologies used: **Python**, **Django**, **MySQL, HTML5, Bootstrap.**

# education

**B. SC COMPUTER SCIENCE IN VIEW -** Babcock University, Nigeria (2020 – Present).