

# HERITAGE IYODE

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## OBJECTIVE

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To join a dynamic, product-led company where I can use my full-stack skills to directly impact key metrics, iterate quickly, and help shape the product roadmap.

## PROJECTS

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### Metadata-scrubber | Python, typer, pillow, pypdf etc

Jan 2026 — Jan 2026

- Developed a metadata-scrubbing tool that removed more than 99% of metadata which may include author, software, GPS and other sensitive details from images pdfs, and Office documents, preserving file integrity, by implementing automated detection, single- and directory-based batch removal routines and post-processing verification checks

### Shrink-link | React, fastapi, Postgres

Nov 2026 — Nov 2026

- Developed a URL-shortening web application that reduced average URL length by 75% and can potential support 10,000+ daily redirects by implementing a RESTful API, url safe collision free short-token generation, and optimized database indexing.

### Bulk-buy-v3-api | Python, fastapi, Postgres, sqlmodel

Nov 2026 — Nov 2025

- It's a minimal fastapi based service to coordinate group purchases.  
Users subscribe funds towards products, when the total reaches the product price the product and related subscriptions/transactions are marked completed and product is then distributed among subscribers.

### Lumina | React, typescript

Dec 2025 — Dec 2025

- An e-commerce platform concept

## EDUCATION

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### Federal university of technology owerri, Owerri, Imo state

Aug 2021 — Aug 2026

B.S. Mechatronics Engineering (in view), Minor in Computer systems and software development

## LEADERSHIP EXPERIENCE

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### Frontend group team lead

Nov 2024 — Dec 2024

Skillupimo

- Spearheaded the front-end design and architectural planning for a student-focused group-buying web platform.
- Led a team of 4 - 5 developers in translating UI/UX mockups into a functional HTML/JS web application.
- Implemented core user features including product listing, cart management, and a group formation dashboard.
- Technologies Used: HTML, JAVASCRIPT , CSS Git for version control.

## PUBLICATIONS

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### Stop breaking your code the ultimate pytest guide for beginners

December 2025

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Medium

<https://medium.com/p/2289673a8ccd>