

Ata Okilo

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Profile

Front-end and data-savvy developer (BEng Computer Systems Engineering). I build clean, component-driven UIs (React, Alpine) and wire them to pragmatic back ends (Laravel + Inertia, FastAPI, MySQL). I like small, well-tested features, honest docs, and shipping.

Skills

Frontend: React, Alpine.js, Tailwind, Atomic/Component-Driven Design, Accessibility

Backend: Laravel 11, Inertia.js, PHP, FastAPI, REST

Data/ML: Python (pandas, scikit-learn), ML pipelines, RFM, classification models

DB/Tools: MySQL/SQLite, Git/GitHub, Docker (basic), Netlify, Vercel, VS Code

Selected Projects

End-to-End ML Pipeline API (FastAPI) 2025
Python, FastAPI, scikit-learn

- Modular pipeline: preprocess → train → serve; versioned models and input validation.
- Prediction endpoints with clear JSON contracts; lightweight CI for tests.

Atomic React Portfolio 2025
React, Tailwind, Atomic design — [Live](#)

- Atoms/molecules/organisms with reusable tokens and variants; responsive and accessible.
- Netlify deploy; acts as hub for write-ups and demos.

Laravel + Inertia Projects CMS 2025 (in progress)
Laravel 11, Inertia (React), MySQL, Alpine.js

- Public project listing; authenticated CRUD via policies, form requests, and Eloquent.
- Alpine for micro-interactions; server-driven SPA feel.

Churn Prediction 2024
Python, pandas, scikit-learn

- RFM features + Random Forest; evaluated with lift and precision@K for actionable retention.

E-commerce Sales Analysis 2024
SQL, Python

- Repeatable notebooks for monthly KPIs and segmentation; concise stakeholder summaries.

Experience

Virtual Internship — British Airways (Forage) 2024
Analysed booking data, surfaced loyalty trends, and produced clear visuals with practical recommendations.

Virtual Internship — Accenture (Forage) 2023
Completed a data analytics & visualisation sprint: explored, cleaned, and presented insights with straightforward charts.

Education

BEng Computer Systems Engineering — University of Huddersfield 2022