CHIOMA AUDREY UCHE-NWOSU

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EDUCATION

Middlesex University, London   *(Expected June 2026)*
Bachelor of Science in Information Technology & Business Information Systems (Predicted: First Class)
- **Relevant Coursework**: BI, Technology Innovation Management & Entrepreneurship, Strategic Information Systems

Took a planned academic break to gain full-time industry experience as a Software Engineer before completing my final year.

National Institute of Information and Technology   *(2020 – 2024)*
Professional Diploma in Software Engineering (GPA: 3.5 / 4.0 | Honors, Top 10% of Class)
- **Relevant Coursework**: Full-stack development, Java & Spring Boot, SQL databases, and software engineering fundamentals.

TECHNICAL SKILLS

Languages: Ruby, Python, Java, Kotlin, JavaScript
Frameworks & Technologies: Ruby on Rails, StimulusJS, Spring Boot, React, Next.js, Redis, Sidekiq, Tailwind
Databases: PostgreSQL, Microsoft SQL Server **Testing**: RSpec, Capybara, JUnit **Data & Analytics Tools**: Tableau, WEKA
Developer Tools: Git/GitHub, CircleCI, Datadog, Sentry, LaunchDarkly
Concepts & Practices: MVC Architecture, Object-Oriented Programming (OOP), RESTful APIs, Backend System Design, Asynchronous Processing, Caching Strategies, Database Design, CI/CD, Feature Flagging, Observability & Monitoring, Agile Development

EXPERIENCE

Eat App, *Software Engineer*   *(U.A.E., remote)*
Dec 2023 - Sep 2025
- Architected and scaled Ruby on Rails backend services for 200k DAU, optimizing PostgreSQL queries to reduce P95 latency by 20% during peak traffic.
- Engineered RESTful APIs and Sidekiq background workers to automate private dining workflows, handling 15k+ concurrent reservations with 99.9% uptime.
- Architected multi-tenant billing modules for 5 enterprise clients, facilitating $200k+ in contract renewals by enabling custom invoicing logic; resolved race conditions in reservation booking logic using Redis distributed locks, reducing double-booking errors by 98% during peak traffic.

Eat App, *Software Engineer Intern*   *(U.A.E., remote)*
Aug 2023 - Dec 2023
- Developed an internal LLM-based chatbot using Python and OpenAI API to automate HR and Ops queries, reducing internal support tickets by 25%.
- Converted to a full-time Software Engineer after delivering 3 high-priority features 2 weeks ahead of schedule during the internship period; fixed frontend performance issues, improving page load time by 35%.

Faircado, *Software Engineer Intern*   *(Germany, remote)*
Mar 2023 - Aug 2023
- Engineered a distributed web scraping engine in Kotlin/Spring Boot to ingest data from 800+ domains, increasing data coverage by 40%; built real-time dashboards using AppSmith and SQL, enabling the Ops team to resolve data ingestion bottlenecks 50% faster.
- Authored SEO-driven content that increased site traffic by 30%.

PROJECTS

MamaPut Hub | *Appwrite, React, Tailwind*
- Architected a full-stack recipe platform using React and Appwrite, implementing OAuth 2.0 and a normalized NoSQL schema to handle 1k+ concurrent user sessions.
- Leveraged Appwrite's serverless functions and real-time database to reduce backend latency by 40% compared to traditional REST polling.

Tommy Hilfiger Business Intelligence Case Study | *BI, ETL, OLAP, Data Warehousing*
- Designed a data-driven BI strategy to relaunch "The Hilfigers" campaign, using ETL pipelines, OLAP analysis, and data-warehouse modelling to inform influencer selection and product strategy.
- The project attracted recognition from senior industry professionals at Tommy Hilfiger, who reached out to commend the analytical depth and strategic relevance of the work.

Sephora Customer & Product Analytics Project | *Tableau, WEKA, Python, Data Analytics*
- Analysed large-scale product and customer-review data to uncover insights on pricing, engagement, and purchasing behaviour, translating findings into clear business recommendations.
- Built analytical models and dashboards to support data-driven decision-making across product strategy and customer experience.

PUBLICATIONS

- **Eat App**: Hospitality and restaurant-technology articles covering waitlists, payments, and operational workflows.
- **Faircado**: Sustainability and e-commerce articles focused on ethical fashion and circular consumption.
- **OpenReplay**: Developer-focused content on frontend performance, debugging, and tooling.