Kyaw Khaung Myo Lwin

Software Engineer

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EDUCATION

Columbia University **New York, NY**
Bachelor of Arts in Computer Science *Expected Graduation: Dec 2026*
Honors: Phi Theta Kappa Honors Society

TECHNICAL SKILLS

Programming Languages: Python, JavaScript/TypeScript, Java, PHP, C++, Rust, Kotlin
Libraries & Frameworks: React, Next.js, Express.js, Tailwind, Django, Flask, Scikit-learn, RESTful APIs
Databases: PostgreSQL, MongoDB, Supabase, AWS DynamoDB
Development Tools: Claude Code, Replit , Docker, AWS, Vercel, Node.js, Google Cloud, Railway, GitHub, Git, Bash, pip, npm

PROFESSIONAL EXPERIENCE

NiBL **New York, NY**
Software Engineer & Early Founder *Mar 2026 - Jul 2026*

- Developed and launched a **production-grade food delivery ecosystem** using **Next.js 14, TypeScript, and Express.js**, architecting a multi-application monorepo deployed across **Vercel and AWS**
- Engineered a **RESTful Node.js backend** featuring geolocation-based discovery via **Haversine distance ranking**, Stripe integration, and real-time GPS tracking for comprehensive order lifecycle management
- Built **automated Python ETL pipelines** utilizing **Playwright network interception** to extract data from third-party APIs, migrating 200+ menu items into a normalized **PostgreSQL database**
- Designed a **relational database schema** with 15+ tables, implementing **JSONB storage** for complex customizations and runtime resolution logic for driver-facing interface displays
- Created a **real-time driver web app** for location streaming and order workflows, while implementing **Zustand state management** and SMS notifications for the consumer experience

Global Key Advisors **Remote**
Software Engineer Intern *Sep 2025 - Apr 2026*

- Built automated **Python data pipelines** to extract and process 200–300 SEC filings (10-K and 8-K documents, 100+ pages each), enabling large-scale analysis of corporate disclosures for insider trading pattern detection
- Developed an **LLM-powered financial analysis system** using Ollama (Llama models), performing prompt engineering to transform unstructured filings into structured JSON and tabular outputs for downstream analysis in Excel
- Designed and implemented a **Microsoft SQL Server database** to store historical company transaction data, writing SQL queries and data validation scripts to support reliable data ingestion and retrieval
- Built an internal **Flask web application** that allows users to search companies and access historical transaction records through a backend API connected to the SQL database
- Migrated legacy transaction datasets by transferring CSV records from legacy machines using **RemotePC**, cleaning and integrating the data into the new system's database schema

BetaNYC **New York, NY**
Data Analyst Intern *Jun 2023 - Aug 2023*

- Collected and validated **up to 400 civic infrastructure data points daily** using **OpenStreetMap and the Overpass API**, documenting unmapped buildings, fire hydrants, benches, and structural conditions across **Brooklyn Community District 1**
- Engineered an **open-source data collection workflow** and developed a **comprehensive data playbook** adopted by **15–20 partner organizations**, standardizing **data validation protocols and geospatial data collection methods** for civic technology projects
- Coordinated and facilitated a **community data workshop** attended by **20 organizations**, including **North Brooklyn Parks Alliance and Council District 34 leadership**, training participants on **participatory mapping techniques and spatial data collection**

PROJECTS

NiBL | Website *Next.js 14, TypeScript, Express.js, PostgreSQL, Stripe, Supabase, Vercel*

- Architected a **responsive consumer web application** using the **Next.js App Router**, integrating **location-aware discovery** and a complex menu system with real-time price resolution and persistent cart management via **Zustand state**
- Developed a **live order tracking interface** utilizing **client-side GPS polling** to visualize real-time driver coordinates and dynamic delivery ETAs, providing a seamless post-purchase user experience
- Implemented a **monorepo architecture** with shared domain packages to enforce **strict type safety** across three frontends, ensuring robust data contracts and eliminating runtime mismatches in a distributed ecosystem

FinanceLLM | Github *Python, Ollama, Llama 3.2, BeautifulSoup, Prompt Engineering*

- Built an **automated LLM pipeline** using **Python and Ollama (Llama 3.2)** to ingest **SEC filings (PDF/HTML)**, extract text, and convert long-form financial disclosures into **structured JSON outputs that generated clean CSV table matrices**
- Engineered **optimized prompts and response formats** that transformed unstructured paragraphs into concise, phrase-level answers, enabling **accurate retrieval of company details** (industry, risks, competitors, suppliers, etc.) across **300+ filings**