Eric D. Kim, CPT
Data Engineer | Developer

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@ericdwkim
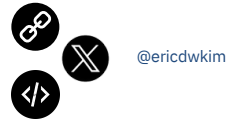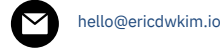
About

Industry experienced data engineer and developer who values innovation, curiosity, and teamwork. Specialized in data engineering, I'm always eager on exploring new, challenging domains and have an insatiable appetite to learn.

Skills

Languages	**Python**, **SQL**, **Shell**, **C#**, **Java**, TypeScript, JavaScript, CSS, HTML
Technologies	**REST API, ASP.NET Core**, **.NET, Azure Cloud, Pandas**, **Selenium**, Git, Kafka, Docker, K8s
Strengths/Interests	Developing scalable and highly efficient automation bots for data analysis. Interests in distributed systems and decentralization.

Experience

Feb '22 - Present — **Data Engineer** | *Aramark*, Remote

Aramark is an American food and facilities services provider with international operations. ENABLE+ is a set of iOS/Android apps designed to streamline food servicing and inventory management. Prima Web is a web app designed to manage menu items, recipes, and food waste tracking.

- Spearheaded the design and implementation of a real-time notification system using Azure cloud services and .NET
- Core contributor to the development, deployment, and maintenance of an API service in ASP.NET Core
- Designed and optimized stored procedures for ENABLE+, improving data retrieval and processing efficiency
- Developed stored procedures ensuring exported data via APIs aligned consistently w/ app-side
- Conducted rigorous data validation to align with new API changes, ensuring seamless integration and minimal downtime
- Collaborated with an international Agile team to meet project deadlines, improve workflows, and streamline deliverables
- Leveraged observability tools to troubleshoot and resolve data synchronization issues b/w ENABLE+ and Prima Web
- Monitored and analyzed Kafka logs across 10+ microservices to identify and address event stream inconsistencies

Dec '22 - Feb '22 — **AKS Support Engineer** | *Microsoft*, Remote

Azure Kubernetes Service (AKS) is a managed K8s service in Azure to simplify container orchestration and management for cluster deployments and maintenance.

- Troubleshot and optimized AKS clusters, ensuring secure, efficient container orchestration and management
- Extensively leveraged troubleshooting tools and root-cause analysis to resolve SEVB/C cases

Sept '21 - Dec '22 — **Developer / Data Analyst** | *TXB*, Remote

TXB is a chain of convenience stores and gas stations with more than 48 locations operating in Texas and Oklahoma.

- Spearheaded the development and maintenance of an automation suite
- Implemented web scraping/crawling and advanced data processing techniques
- Created and maintained over 15 interactive KPI reports and dashboards weekly
- Conducted comprehensive ad-hoc analyses, including Pareto analyses to identify
- key business drivers and incite strategic business actions

Education

Completed: December '21 — **Backend, SQL, and DevOps with Python** | *Nucamp, Remote*

Graduated: December '20 — **Bachelors of Science** Kinesiology & Neuroscience Research | *Temple University,* Philadelphia, PA