KAZUYA HATTA

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Tokyo, Japan

SKILLS

Languages
Python (8+ years)
JavaScript (2 years)
SQL (10+ years)
Rust (Beginner)

Frameworks
PySpark, Pandas, Kedro,
TensorFlow/Keras, scikit-learn, Flask, MLflow

Cloud & SaaS
GCP, AWS, Databricks

Others
Docker, Terraform

PROFILE

Experienced Data/ML Engineer with over 8 years of experience delivering end-to-end advanced analytics solutions across industries such as energy, pharma, and banking. Combines strong technical skills with a customer-centric approach to drive business results.

EXPERIENCE

Senior Data Engineer QuantumBlack (McKinsey), Tokyo, Japan – *Oct 2021–Present*

- Led design and development of power-grid optimization platform for a regional electricity transmission company.
Led engineering workstreams for multiple global pharmacos' sales and marketing activity optimization data pipelines.
- Designed and developed codebases, managed client interactions, created presentations, and conducted knowledge transfer sessions.
- Tools: Python, PySpark, Pandas, Kedro, Databricks, MLflow, CVXPY.

AI Engineer Accenture Japan Ltd., Tokyo, Japan – *Dec 2019–Sep 2021*

- Built data warehouse and analytics platform for a full-digital cloud bank.
- Developed a demand forecasting engine for a global shipping company.
- Tools: GCP (BigQuery, Spanner, CloudSQL, Vertex AI), Python, SQL Server, Jenkins.

ML Engineer Avinton Japan Ltd., Tokyo, Japan – *Nov 2017–Nov 2019*

- Led pre-sales and development of an AI-powered pharmacy system - collaborated with domain experts (pharmacists, professors), collected data and built deep-learning models, deployed a web application. Managed a team of 3.
- Tools: Python, TensorFlow, Dask, scikit-learn, Starlette, JavaScript, React, Docker.

Marketing & Sales / Buyer Foodison Ltd, Tokyo Japan — *Apr 2015–Oct 2017*

- Managed seafood procurement and sales as part of a growing e-commerce startup, increasing the client base from 1,000 to 8,000 restaurants. Developed supplier relationships, negotiated pricing, and optimized inventory to maximize profitability.
- Launched a new talent agency business in the seafood industry, managing recruitment efforts and ensuring the venture remained profitable from the start.
- Analyzed sales data and reported KPIs using SQL to drive business decisions and improve operations.

EDUCATION

- BA in Global Studies, Akita International University, Japan — *Apr 2011–Mar 2015*
- Exchange Program, San Francisco State University, USA — *Jan 2013–Dec 2013*

CERTIFICATES

- AWS Certified Solutions Architect – Associate, 2022
- AWS Certified Machine Learning – Specialty, 2022
- Google Cloud Professional Data Engineer, 2021
- Applied Information Technology Engineer (応用情報), 2022