

Dashdavaa Khorolsuren

Data Engineer | Machine Learning & Full-Stack Developer

Phone: +1 (619) 841-4477 | Email: khorolsuren1111@gmail.com | LinkedIn: linkedin.com/in/dashdavaa

| GitHub: github.com/dashdavaa

Profile Summary

Computer Science graduate with 7+ years of experience in data engineering, machine learning, and full-stack development across Mongolia, Korea, and Japan. Skilled in building scalable data pipelines, applying machine learning models for analytics, and optimizing database performance. Proficient in Python, SQL, DBT, and ML libraries such as Scikit-learn and Pandas. Seeking opportunities to grow as a machine learning engineer and contribute to AI-driven solutions.

Technical Skills

Languages: Python, JavaScript, Ruby

Frameworks & Libraries: Scikit-learn, TensorFlow, DBT, Ruby on Rails, React

Databases: MySQL, PostgreSQL, Snowflake

Data/ML Tools: Pandas, NumPy, Jupyter, Matplotlib, Seaborn, Plotly

Tools: Docker, Kubernetes, Git, QlikView, Apache, Postfix

Cloud: AWS (S3, RDS, EC2, SageMaker)

Platforms: Linux, Windows

Professional Experience

Database Analyst / Data Analytics Engineer | Nissan (Contract) – Japan (Jan 2024 – Present)

- Designed and implemented automated data pipelines using Python, Pandas, and DBT.
- Applied machine learning models (classification & regression) to analyze sales and operations data, improving forecasting accuracy by 18%.
- Improved Snowflake query performance by 30% through schema optimization and indexing.
- Built analytics dashboards and collaborated with business teams for decision-making.

Front-End Engineer | Fullout / TechnoPro – Japan (2020 – 2023)

- Improved system maintainability and reduced debugging time by 20%.
- Led UI enhancements and modernization efforts for internal tools.

Cybersecurity Trainee | Ministry of Justice – Korea (2019 – 2020)

- Participated in cybersecurity training and incident response drills.
- Assisted in detecting and mitigating vulnerabilities in legacy systems.

Software Developer | Mongolian Immigration Agency – Mongolia (2017 – 2019)

- Built and managed servers using Apache and Postfix on Linux.
- Maintained databases and mail servers ensuring 99.9% uptime.

Projects

Customer Churn Prediction – Built a predictive model using Python and Scikit-learn to identify high-risk customers, achieving 85% accuracy.

NLP Sentiment Analysis – Applied Natural Language Processing on product reviews using Python, generating insights for product improvements.

Education

Bachelor of Science in Computer Science | University of the Humanities – Ulaanbaatar, Mongolia
(Graduated: 2012)

Languages

Mongolian – Native

English – Fluent

Japanese – Business Level