

ULZII-ORSHIKH DORJKHAND

Ulaanbaatar, Ulaanbaatar 16063 • +976-9066-2887 • ulzii.uujig@gmail.com
<https://www.linkedin.com/in/ulzii25/>

SOFTWARE ENGINEER

In the last three years, I worked on Rio Tinto's two major Master Data Management Projects as a main developer and solutions architect. During the projects, I led the team on API integration, data modeling, security, and ETL front and managed the stakeholders. Those projects automated previously manual business processes and integrated 4 separate business solutions and processes ten of thousand business requests.

• SQL development • Back-End • ETL • API • Integration • Cloud Computing.

Languages: Python, Java, SQL

Web: HTML, CSS, Javascript

Web Services: HTTP, REST API

Frameworks: Bootstrap, Flask, Django

Databases: MS SQL

SDLC: Agile

Platforms: Window, Linux

Big Data: Pandas

Application/Software: SAP, Syniti, SQL Server Integration Services, Dell Boomi

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

RIO TINTO, Ulaanbaatar, Mongolia • 06/2021 – 02/2025

Rio Tinto Group is a British-Australian multinational company, the world's second-largest metals and mining corporation. It was founded in 1873 when a group of investors purchased a mine complex on the Rio Tinto, in Huelva, Spain, from the Spanish government.

Specialist - Master Data Management

Design, Build, and Maintain MDM Solutions

- Responsibilities:
- Contribute to high-level analysis of data governance opportunities based on requests from business partners and solution architects.
- Work with solution development teams to support the development of Data Quality solutions across Rio Tinto.
- Contribute to continuous improvement in relation to Data Quality Solutions within the Data Quality Services team.
- Provide solution knowledge and subject matter expertise to the team to shape projects and oversee the quality of technical reporting solution delivery.

Achievements:

- Led the development work for Integration between Supplier and Customer MDM tools that saved the business time to set up both Customer and Supplier in ERP by half.
- Saved the business 100K USD for the Customer MDM project by proving that we can re-use the same integration points and Security Features used in the past project and get the approval from the Enterprise Architect.
- Optimized the main code for the Supplier Management tool to speed it up by 10x and helped the Solution cope with the end-of-the-year high demand period.

Technologies Used: SSMS, Syniti, Dell Boomi, Postman, AzureAD, ServiceNow API

ACADEMIC PROJECTS

The University of Finance and Economics (2021)

Crypto Market Analysis: Did high-level analysis of the Mongolian Crypto Market by using Google Trends API, Coinbase API, Python, and PowerBi. The main hypothesis was the search demand for a certain crypto coin was directly fueling the price of it. Jupiter Notebook can accessed via the following link: <https://www.kaggle.com/code/ulziidorjkhand/how-an-unknown-crypto-coin-outperformed-bitcoin?scriptVersionId=57698918>. Utilized Python, Jypiter, Pandas, PowerBi

PERSONAL PROJECTS

AKU App 2018: Developed and marketed AKU, the first mobile app in Mongolia that enabled users to check their bus card balance with their phone for the very first time. The app was download over 50,000 times.. Utilized Java, Javascript, Android Studio

Match the same note 2021: Similar to the picture-matching game, I built a web game that matches music notes by memory. The game is accessible using the following link: <https://ulzii-orshikh.github.io/>. Utilized JavaScript 44.2% CSS 31.3% HTML 24.5%

EDUCATION

in

(In progress via distance education; expected completion)

Maharishi International University, Fairfield, Iowa

Key Courses:

Bachelors in Business Administration

The University of Finance and Economics, Ulaanbaatar, Ulaanbaatar (06/2017)

CERTIFICATIONS

Microsoft Certified: Azure Administrator Associate