

## GAN-ORGIL BAATARKHUU

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### PROFESSIONAL SUMMARY

I am currently pursuing a Master of Computer Science with over 6 years of experience in data analysis, software development, and data engineering within the mining and financial sectors. I excel at leveraging analytics to drive strategic business decisions and am passionate about transforming raw data into actionable insights. My technical expertise spans SQL, Tableau, Python, and Power BI, with a strong focus on data visualization and storytelling. I bring significant experience in data engineering, including data ingestion, query optimization, data streaming, and ETL processes. I have a proven track record of designing and developing SQL stored procedures, views, and data models in an MS SQL database environment.

### EDUCATION

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#### Master of Computing

Curtin University

Feb 2024 – Present

- Expected Graduation: Nov 2025

#### Bachelor of Information Systems

University of Finance and Economics

Sep 2013 - July 2017

### SKILLS SUMMARY

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Self-Development | Teamwork | Work Ethic | Analytical Thinking | Communication | Leadership | Critical Thinking | Problem-Solving | Attention to Detail | Creativity | Time Management | Emotional Intelligence

#### Access Scholarship English Program

USA Embassy in Mongolia

Sep 2011 - July 2013

- **Developed Communication Skills:** Participated in various workshops, seminars, and collaborative projects that enhanced my verbal and written communication abilities.
- **Cross-Cultural Communication:** Gained experience interacting with peers and mentors from diverse backgrounds, improving my ability to communicate effectively in a multicultural environment.
- **Team Collaboration:** Worked in team settings to complete projects, enhancing my ability to convey ideas clearly and listen actively to others.

### TECHNICAL SKILLS

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- **Databases:** SQL, Oracle, MySQL, MongoDB, PostgreSQL
- **Cloud Services:** AWS, Azure
- **Programming Languages:** Python, Java, HTML, CSS, JavaScript, React Native
- **Analytics & Data Science:** Pandas, Numpy, Data Analysis, Data Visualization, Tableau, Power BI, R
- **Development Tools:** Agile, Kanban, Scrum, Linux
- **Data Processes:** Query Writing, Query Optimization, ETL Processes, Data Modeling, Data Warehousing, Data Cleansing, Data Extraction, Data Quality, Statistical Analysis, Forecasting, Business Intelligence, Talend, Data Manipulation, Database Management, Data Storytelling, .Net Framework, Machine Learning, Apache Kafka, Qlik Attunity Replicate, Talend

## RELATED EMPLOYMENT

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### Data analyst/Engineer

OYUTOLGOI LLC, RIO TINTO

Feb 2020 - Feb 2024

- Developed BI reports warehouse included cost-saving +600 tableau/power-bi dashboards to communicate findings effectively to stakeholders for a giant mining company.
- Led the BI team in maintenance and improvements on +100 BI reports.
- Constructed 10+ KPI metrics to assess performance of company and actions to be taken.
- Analysed 100+ large datasets to identify trends, patterns, insights for strategic decision-making.
- Collaborated with 50+ stakeholders to understand requirements and deliver customized visual solutions.
- Wrote and optimized complex SQL queries and procedures for data retrieval, analysis, and reporting.
- Tracked and analysed usage patterns of mining equipment and machinery in tableau reports.
- Optimized maintenance schedules based on usage data to minimize downtime and extend equipment life in tableau reports.
- Managed test data and data offloading pipelines to support mining equipment operations.
- Implemented data logging software and ensured compliance with data integrity and security protocols.
- Collaborated with cross-functional teams to identify and address data-related challenges and opportunities.
- Implemented Kafka streaming integration with Attunity Replication to enhance data management processes and drive significant cost savings for a major banking institution.

### Software Engineer

XACBANK

Oct 2017 - Feb 2020

- Assessed software bugs and compiled findings along with suggested resolutions for development team members.
- Designed, developed and maintained successful 100+ automated test scripts to manage testing of certain products and features.
- Experienced in developing and maintaining automated test scripts using tools like UFT, Apache JMeter, LoadNinja, Selenium and Appium.
- Developed a strong expertise in manual testing methodologies, focusing on accurate test case design and precise execution.
- Identified critical defects through manual testing, preventing potential issues from reaching thousands of end-users. Led BI team in maintenance and improvements on +100 BI reports.

## RELEVANT SKILLS SUMMARY

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- Led end-to-end development of an extensive Business Intelligence Reports Warehouse project, encompassing creation of over 600 reports.
- Developed and implemented a Tableau-based analytics solution within a prominent mining corporation, resulting in cost savings exceeding million dollars.
- Created and deployed 10+ dynamic reports operating Jasper Studio, resulting in a significant reduction of over 100 hours of manual reporting effort.
- Effectively coded VBScript to create automation testing functions, resulting in a significant time savings of over 400 hours in manual testing tasks. Automation solution streamlined testing processes, enhancing efficiency and productivity.

## PROFESSIONAL MEMBERSHIPS

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- Member, Curtin Data Science Association
- Member, Curtin Computer Science Students Association (ComSSA)

## PROFESSIONAL DEVELOPMENT

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- [Tableau Desktop Specialist Certified](#)
- Member, Python WA group

## REFEREES

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- Available upon request