KAUNG NYO LWIN

📍 Pathum Thani 13

📞 +66648328635

✉ kaungnyolwin@gmail.com

PROFESSIONAL SUMMARY

Results-driven Senior Business Analyst at KEYfields with expertise in data analysis and project management. Proven ability to enhance operational efficiency through SQL programming and business process mapping, leading to automated workflows. Successfully leveraged machine learning and AI technologies to achieve significant project outcomes. Committed to further integrating AI innovations to optimize processes and drive productivity.

SKILLS

- Machine learning
- Data analysis
- Requirement gathering
- Project management
- Business process mapping
- Data mining
- Database management
- Microsoft Excel mastery
- SQL programming
- Python Programming
- Feature engineering
- Neural networks
- NoSQL databases
- Deep learning
- Scikit-learn
- PyTorch
- Data visualization
- Reinforcement learning
- Git
- Data modeling
- Natural language processing
- Computer vision
- Linux operating system
- Containerization technologies

EXPERIENCE

SENIOR BUSINESS ANALYST, 02/2023 - 07/2024
KEYfields, Yangon, Myanmar

- Addressed customer queries and requests for helpdesk services with precision and efficiency.
- Identified and resolve issues concerning the intricacies of business workflows of the warehouse, distribution, freight management and accounting systems
- Crafted SQL stored procedures that accurately reflect and streamline business processes.
- Collaborated closely with UI developers to enhance user experience and functionality.
- Engaged customers proactively to deliver tailored solutions, and expert guidance.
- Facilitated productive requirement-gathering sessions to drive system enhancements.
- Developed SaaS features of business processes, translating them into actionable

technical specifications.
- Implemented SQL Server Agent jobs to automate routine database backup tasks seamlessly.
- Streamlined internal workflows through the creation of dynamic PowerShell scripts.
- took over the pivotal role of lead expert for the accounting system module
- Migrated data from various sources into the designated accounting systems, ensuring accuracy and completeness, and configured financial reports for newly acquired clients.
- Performed root cause analysis to determine underlying issues in complex problems.
- Analyzed and tracked data to prepare forecasts and identify trends.
- Provided technical support for existing reports, dashboards or other tools.
- Developed understanding of customer workflows to deliver precise recommendations for challenging problems.
- Collaborated with IT teams on the development of applications based on business requirements.
- Undertook comprehensive project management duties, ensuring timely delivery of project objectives.
- Mapped and documented interfaces between legacy and new systems.
- Generated standard or custom reports summarizing business, financial or economic data.
- Delivered timely support by tracking issues and communicating resolutions to end users.
- Defined business requirements and reported them back to stakeholders.
- Identified opportunities for automation of manual processes through technology solutions.
- Facilitated design sessions with the implementation team to define the solution.
- Delivered elements of systems design, including data migration rules, business rules, wireframes, or other detailed deliverables.
- Worked closely with clients, technicians, and managerial staff to provide operational support and project updates.

SENIOR ASSET MANAGEMENT ANALYST, 05/2020 - 09/2020
Telecom International Myanmar
- Managed comprehensive logistics operations as the key point of contact for a branch of the company.
- Strategized and orchestrated meticulous plans for the successful execution of year-end inventory assessments.
- Conducted comprehensive training sessions for internal departments and external stakeholders to uphold the organization's asset management standards.
- Led and motivated the team to achieve excellent results, securing a top-four ranking among all company branches for logistics KPI scores over three consecutive months.

ASSET MANAGEMENT ANALYST, 06/2017 - 04/2020
KAUNGNYOLWIN, Monywa, Myanmar
- Gathered comprehensive logistical data from both internal departments and external partners.
- And monitored the progress of telecom network infrastructure deployment projects.

- Utilized data-wrangling techniques to combine collected data into a dynamic.
- Excel tracker, empowering informed decision-making, and actionable insights to optimize logistics operations.
- Generated valuable insights derived from diverse data sources, enabling swift and effective decision-making by logistics operators.
- Fostered seamless communication with all stakeholders involved in logistics operations, ensuring smooth coordination and operational efficiency.
- Developed Excel macros to automate repetitive tasks, including the automation of delivery order preparation and logistics transaction uploads into online.
- Logistics systems using Excel automation with Visual Basic for Applications.
- Managed logistics operations to successfully deploy infrastructure for more than 700 telecommunication towers, and over 600 transmission cable routes, ensuring timely completion and operational excellence.

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TELECOM INSTALLATION ENGINEER, 02/2016 - 05/2016
Ericsson Myanmar
- Surveyed base transceiver station tower sites for the installation of telecom devices.
- Installed and configured telecommunication equipment.
- Performed call test.
- Finalize the installation documents, and deliver them to the maintenance teams.

EDUCATION

Asian Institute of Technology, *Pathum Thani, Thailand, Expected in 05/2026*
Master of Engineering: **Data Science and Artificial Intelligence**

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Myanmar Aerospace Engineering University, *01/2015*
Bachelor of Engineering: **Avionics**

CERTIFICATIONS

- IBM Data Science
- IBM Data Analyst
- Mathematics for Machine Learning and Data Science by DeepLearning.AI
- Machine Learning Specialization by DeepLearning.AI
- TensorFlow Developer by DeepLearning.AI
- Deep Learning Specialization by DeepLearning.AI
- Fundamentals of Accounting by University of Illinois

REFERENCES

- GitHub, https://github.com/Kaung-Nyo-Lwin
- LinkedIn, https://www.linkedin.com/in/kaungnyo-lwin-31510b145/

LANGUAGES

Myanmar: First Language

English: C1

Advanced (C1)

PROJECTS

- **Job Automation Risk Prediction** - This project examines the impact of computerization on the Myanmar job market using data sponsored by MyJob, one of Myanmar's pioneer online job platforms, classifying job roles based on their susceptibility to computerization. The project is grounded in Frey and Osborne's framework, which assigns probabilities to occupations based on their likelihood of computerization. We develop a job recommender system to assist individuals in exploring low-risk career paths and offer insights for educational institutions and policymakers aiming to prepare the workforce for an AI-driven economy.
- **Customer Churn Prediction** - A machine learning-based web application that predicts customer churn in the telecommunications industry. The project combines advanced data preprocessing, machine learning modeling, and an interactive web interface to help telecom companies identify customers at risk of churning.
- **An implementation of Less-attention Vision Transformer (LaViT) for image classification, built using PyTorch** - This project implements a novel approach to vision transformers that reduces attention computation complexity while preserving spatial information through specialized downsampling and attention mechanisms.