



Jirachote Karunyakorn

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WORK EXPERIENCE

- **Exxon Mobil Corporation** (July 2025-Present)
 - *Reliability and Maintenance Business Analyst*
 - Support internal users by investigating application issues and collaborating with development teams to resolve tickets for both in-house and vendor-supported systems.
 - Participate in Agile ceremonies including sprint planning, daily scrums, and retrospectives to ensure effective team collaboration and delivery.
 - Utilize SQL for data analysis and troubleshooting to support reliability and maintenance operations across the organization.

- **Johnson & Johnson MedTech Thailand** (April 2024-June 2025)
 - *Information Technology Business Analyst*
 - Gathered requirements from the Commercial Team and developed digital transformation solutions to streamline sales operations for representatives.
 - Wireframed and prototyped platform UX/UI, resulting in user-friendly and intuitive interfaces.
 - Developed organizational apps for submission of transaction data, improving ease of use and performance with Power Apps.
 - Performed platform testing to identify software issues, ensuring accurate execution of algorithms.
 - Managed and monitored the transaction database, ensuring data integrity and reliability with Microsoft SQL Server Management and Microsoft Access.
 - Created executive dashboards to monitor sales growth, forecast accuracy, and deliver actionable market insights to management, both locally and overseas with Power BI.
 - Developed and maintained automated workflows to support CRM and SFE, driving business efficiency and growth with Power Automate.
 - Developed product catalog apps for sales representatives, providing essential information for healthcare professionals with Power Apps.

- Provided IT solutions, support, and consulting to local and overseas teams, improving operational efficiency.
- Conducted training workshops for the organization.
- **ATGenes Co. Ltd.** **(July 2022-March 2024)**
 - *Business analyst/ Data analyst*
 - Gathering user requirements and feedback from stakeholder and writing business requirement document to ensure that the platform meet with specific preferences.
 - Collaborating with the development team, sales and marketing team to deliver requirements and engaging with the project throughout the software development life cycle including early design of UX/UI and function testing.
 - Designing functional modules for platform which improving the efficiency and accuracy of analysis algorithms.
 - Mapping and modeling business processes by creating clear visual representations of the work structure.
 - Managing the project scope, timing, and progress to maintain alignment with objectives and deadline.
 - Collaborating with international companies and government entities, facilitating project outcomes and establishing valuable partnerships.
 - Providing strategic input for business development and marketing, including sales strategies and competitor analysis.
 - Performing data analysis with Bash, SQL and python on internal datasets for contributing to the formulation of corporate strategies by create interactive dashboard with Looker studios.
 - Establishing data analysis pipelines to uncover insight with direct relevance to diagnoses from physicians.
- **Bluefin Life Technologies** **(November 2022-May 2023)**
 - *Part-time Data analyst*
 - Developed pipelines for data analysis and machine learning models using SQL, Python, and R, focusing on the mode of action of herbs, which provided valuable insights for research purposes.
 - Authored research documents and reports detailing insights derived from experiments to support the marketing of company products.
- **Math talent by Dr. Ying** **(December 2021-March 2022)**
 - *Part-time science teacher*
 - Educated kindergarten and primary school students in science using interactive teaching materials, toys, experiments, and activities to enhance their understanding of scientific concepts.
 - Assessed and communicated student performance and behavior to their parents through regular evaluation and reporting.

EDUCATION

- **Chulalongkorn University** (2020-2022)
 - Graduated school, M.Sc. in Bioinformatics and Computational Biology Program
 - GPAX 4.00
- **Mahidol University** (2016-2019)
 - Faculty of Science, B.Sc. in Biology
 - GPAX 3.71 (First Honor degree)

AWARDS

- **H.M. the King Bhumibhol Adulyadej's 72nd Birthday Anniversary Scholarship (fully funded)** (2020)
- **MU-backpack scholarship (fully funded)** (2018)
- **HOK scholarship (half funded)** (2015)

CERTIFICATES

- **Google Project management**
- **Google Business Intelligence**
- **Google Data Analytics**
- **Google Advanced Data Analytics**
- **Microsoft Power BI Data Analyst**

WORK SKILLS

- **Programming language**
 - Bash (Basic), R (Intermediate), Python (Intermediate)
 - SQL (Intermediate)
 - HTML5, CSS3 and Javascript (Basic)
 - DAX (Intermediate), Excel formula (Intermediate)
- **Data Analysis skill**
 - Data wrangling, manipulation and visualization
 - Basic Machine learning with scikit-learn
 - Prompt engineering for generative AI
 - Basic web scraping with BeautifulSoup4
 - Database querying with T-SQL
 - Dashboard and report design
 - Statistical analysis

- **Power Platform and Microsoft Software**
 - Power Apps (Intermediate)
 - Power Automate (Intermediate)
 - Microsoft Access (Intermediate)
 - Microsoft SQL Server Management (Intermediate)
 - Power Query (Intermediate)
 - Power BI (Intermediate)
- **Soft skills**
 - Data-driven problem-solving
 - Documentation and presentation skills
 - Communication and negotiation
 - Stakeholder management
 - Agile methodology (JIRA)
 - Project management
 - End-user training and change management
 - Low-code software engineering
 - IT support

LANGUAGES

- Thai (Native)
- English (Intermediate Working Proficiency, TOELF ITP 513)
- Japanese (Basic, JPLT N5)