THANH DINH

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| CAREER OBJECTIVE |

Diligent Geoscience Database Analyst with over 15 years’ experience of Subsurface & Drilling Data Management & Applications Support. An enthusiastic analytical person who fancy transforming raw data into insight. Seeking an opportunity to bring value, professionalism, and timeliness to clients and other stakeholders.

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| Key skillS |

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| * Subsurface & Drilling Database management * Document Management * Data Governance & Workflows Design * Data Modelling & Data QA/AC * Petrel Reference Project management & Studio administration * Petroleum applications support & workflow delivery (Landmark-ProSource/Petrel/Studio) * SQL Scripting & Stored Produce queries * Extract-Transform-Load process * Data quality standard creation & development | * A thorough knowledge of Oil and Gas applications and the ability to quickly embrace the latest technologies * Capacity to defining objectives clearly and meet them by using innovation and creativity & communicating without ambiguity and adapting to different audiences * Expertise in change management and the ability to develop change policy and train staff to effect change strategies * WA Residency |

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| IT Competencies |

* *Software*: Landmark-Halliburton, Prosource/Petrel/Studio/TechLog, GeoFrame, TechLog, Kingdom, MS Suite Office, Excel, Crystal Report, Tibco Spotfire, GIS, OpenSpirit, GoCAD, Enginering Data Management, OFM, EC/EMSDB, WellView, PI (Plant Information), Toad
* *Hardware*: SCSI, RAID System, Tape devices
* *Database & technologies*: Oracle, MS Access, SQL Server, HTTP, FTP, TCP/UDP, SMTP, POP3, Data Warehouse, Cloud Computing
* *Operation System/Services*: MS Window, Linux/Unix, SharePoint, VMWare
* *Language Programming*: Window PowerShell, Python, SQL, Linux shell
* *Business Intelligence*: Power BI, Tableau

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| RELEVANT PROJECTS |

* EC Reporting: Design/Maintain daily/week/monthly well production reports in EC. Setup automate emails distributing reports to end-users for analysis & decision making. Reduced the processing of reporting from 2 days to one hour (ExxonMobil)
* Hydrocarbons Tracking: Developed process to QC the consistency of hydrocarbon volumes & energy between Operational EC & Revenue EC. Reported results to Operation Manager with the 100% correctness (ExxonMobil)
* EC Oracle server data query: SQL scripting to extract ad-hoc stream data based on end-user request; Visualizing results using Power BI to get user have a better of decision making. (ExxonMobil)
* Applied Python to extract the insights of Western Australia drilling activities through the large-scale of WA well database. The outcome could be found as GitHub links: *https://github.com/dinhtienthanh/WA-data-mining*
* Team member of the Data Quality Assurance project – interviewed Subsurface’s team to outline users’ data behaviours. Recognized opportunity to improve the way of working. Proposed new workflow to significantly overcome the time of seeking relevant data & verify their quality (Shell Australia)
* Generated a collection of SQL scripts & stored procedure queries to build a real-time visually impactful drilling activities dashboards from multiples database resources. Significally support the drilling team to monitor the progressing of drilling (Eni Vietnam)
* Built a Real-time Engineering Database in using SQL Server, by extracting drilling data facets (ROP, drilling fluids, casing, pore pressure, directional surveys, and temperature) from well reports. Assisted clients to monitor drilling activities & minimal Non-Productive-Time (CuulongJOC)
* Successfully profiling & rating the quality of subsurface data by installing & customising data dashboard web-service based on the data analytic reporting. Reported data quality’s issues & action to cleanse data before broadcasting data to users. (Landmark- Halliburton)

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| Employment History |

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| ***Apr 2019 - Present***  *PNG LNG Engineering Data Manager – ExxonMobil* |
| * Energy Components & Oracle Database Support: Track Hydrocarbons produced from wells to point of sale * Measurement/Derived hydrocarbon rates & well test daily/weekly/monthly internal/external reporting * Planning & forecasting oil/gas production support * QA/QC data fed into EC system * Hydrocarbon accounting, workflow/business process EC automatization * ETL data mapping: setup/developed SQL transform scripts to transfer Enterprise Oracle database to DataWarehouse  |  | | --- | | ***Nov 2014 - July 2018***  *Data Manager – Shell & Woodside Australia* | | * Provided subsurface & drilling database management, workflows consultant and data quality reporting * Conducted data mining, data quality metric, statistical analysis, business intelligence gathering, trending and benchmarking based on trusted data warehouse * Performed troubleshoot on systems & database up-to-date on a regular basis and ensured resolution of all client problems * Cataloguing well data types & standardize well data format prior loading to Well database * ProSource/Petrel/Studio/Landmark-OpenWorks database improvement & support * Collaborated with other Upstream IT groups to ensure consistent standard was maintained in the flow of data | |
| ***Apr 2013 - Nov 2014***  *Data Manager*  ***Eni Vietnam - Ho Chi Minh, Vietnam*** |
| * Petrel Reference Project management & Studio administration * Maintained all phases of software & database development lifecycle and evaluated all new features. The focal point of a project to evaluate & implement a Petroleum database application (Studio-Petrel) & migrated the large-scale of Eni global database to the local repository with 100% of data consistency. Customized the application’s system to compatible with existing system of shareholders. |
| ***Sep 2011 - Apr 2013***  *Subsurface Data Specialist*  ***CuulongJOC - Ho Chi Minh, Vietnam*** |
| * Subject Master Expert – Subsurface Database Adviser. Planned and oversaw implementation of an integrated petro-computer system to maintain the single source of database across application platforms * Well& Subsurface data migration from legacy system to Studio/Petrel database |
| ***Sep 2006 - Aug 2011***  ***Data Consultant***  ***Landmark-Halliburton - Ho Chi Minh, Vietnam*** |
| * Landmark database onsite support (BP Vienam, ConocoPhilip, Pertamina, Chevron, PTTEP…) * Drilling & Subsurface application support & mentoring * Data service consultant |

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| Education |

**Bachelor of Science** Geophysics

Hanoi University of Mining and Geology

*Hanoi, Vietnam*

**Data Analyst NanoDegree Program -** Certificate

Udacity

***Course Included****: Python coding*, *data analytic, data visualization and data statistic*

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| Training |

* Landmark software 2006-2011 – Landmark training centre, Malaysia
* OpenWork for System Administrator 2007 - Landmark training centre, Indonesia
* Oracle database Administrator Workshop 2009 – Malaysia
* Redhat Linux Administrator Workshop completion 2009 - Malaysia.
* Statistical spatial modelling in Decision Space Desktop Workshop 2006 - Landmark training centre, Malaysia
* Petrel for Production data 2013 & Petrel Studio for Administrator 2013 - Vietnam
* Data Quality Management Framework in-house 2015 - Shell Australia
* EP.16 Petrel Data Management Standards 2016 – Shell Australia
* Applied ArcGIS Techniques for E&P 2017 - DataCo In-house training
* Communication Skills Training 2017 – AccentWest
* SQL for Data Analysis 2018 - Udacity
* The machine learning masterclass 2018 – EliteDataScience
* Master Data Management workshop 2018 – PPDM

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| Additional Information |

* Member of PPDM Well Status & Classification Version 3 review
* Presenter at the Oil and Gas Mobility Summit 2013, London on topic: "Upstream data mobility by data centralization feasibility study"