THANH DINH

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| CAREER OBJECTIVE |

Diligent Geoscience Analyst with over 12 years’ experience of Subsurface & Drilling Data Management & Applications Support. An enthusiastic Research and Statistical 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 & Spatial data management * Data Governance & Workflows Design * Subsurface database administration * Petroleum applications support & workflow delivery (Landmark-ProSource/Petrel/Studio) * GIS analysis & mapping * Big data analytics * Data Reporting & Business intelligence * 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 |

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| IT Competencies |

* *Software*: Landmark-Halliburton, Prosource/Petrel/Studio/TechLog, GeoFrame, TechLog, Kingdom, MS Suite Office, Excel, Crystal Report, Tibco Spotfire, Power BI, GIS, OpenSpirit, GoCAD, EDM
* *Hardware*: SCSI, RAID System, Tape devices
* *Database & technologies*: Oracle, MS Access, SQL Server, HTTP, FTP, TCP/UDP, SMTP, POP3, Data Warehouse
* *Operation System/Services*: MS Window, Linux/Unix, SharePoint, VMWare
* *Language Programming*: Window PowerShell, Python, SQL, Linux shell

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| RELEVANT PROJECTS |

* Applied Python to extract the insights of Western Australia drilling activities through the large-scale of WA well database. The submit outcome could be found as GitHub links: *https://github.com/dinhtienthanh/WA-data-mining*
* Assisted to established workflows to load Completion, Pore Pressure, Perforation Interval and IHS production data to Studio Repositories, significantly support the business decisions (Woodside Australia)
* Built a Realtime Engineering Database by extracting drilling data facets (ROP, drilling fluids, casing, pore pressure, directional surveys, temperature) from well reports. Assisted clients to monitor drilling activities & minimal Non-Productive-Time (Woodside Australia)
* Extracted data from D&C reports. Populated a statistic methodology to metric the quality of checkshots & deviation surveys in well database. Reported the checkshots & deviation issues & fixed issues & updated the results to Studio (Woodside Australia)
* 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)
* Created visually impactful dashboards in Excel and Tibco Spotfire for data analytics. Extracted, interpreted and analysed data to identify key metrics and transform raw data into meaningful, actionable information. (Eni Vietnam)
* Successfully monitored the quality of subsurface data by installing & customising data dashboard web-service Based on the analytic reports, made the comparison of how data compares to a Data Quality Standard based on business rules. Reported data quality’s issues & action to cleanse data before broadcasting data to users. (Landmark- Halliburton)
* Deployed Technical Consultancy of Feasibility Study for E&P Data Centre - Vietnam Oil & Gas Group: Conducted interviews with over 100 users in multiple roles to get knowledge of client' data maturation model before consulting the feasibility of building an E&P data centre to meet user's expectations (Halliburton-Landmark)

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| Employment History |

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| Apr 2019 - Present  Engineering Data Manager  Exxon Mobil – Melbourne, AU |  |
| * Upstream data loading, database consolidation and production reporting * Subsurface database creation & querying using SQL * Reservoir data management & PLT data support * Subsurface data flow consultancy. | |

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| Nov 2014 - July 2018  Senior Data Manager  DataCo Australia - Perth, *WA (Full time onsite support in Shell & Woodside)* | *DataCo Australia is a leading service provider supplying onsite support in Subsurface software & data consultant to clients in Australia (Shell & Woodside, Chevron...* |
| * Provided subsurface data management, workflows consultant and data quality metric reporting * Conduct data mining, data quality metric, statistical analysis, business intelligence gathering, trending and benchmarking * Source all relevant government open file drilling and seismic data * Cataloguing well data types & standardize well data format prior loading to Well database * 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 | *Eni an Italian multinational oil and gas company headquartered in Rome. Considered one of the global supermajors, it has operations in 79 countries.* |
| * Petrel Reference Project management & Studio administration * Petrel workflows/application support | |

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| Sep 2011 - Apr 2013  Subsurface Data Specialist  CuulongJOC - Ho Chi Minh, Vietnam | *CuuLong Joint Operating Company (JOC)—comprising PetroVietnam, ConocoPhillips, KNOC, SK Corporation, and Geopetrol—is the second-biggest oil producer in Vietnam* |
| * Build a trusted data warehouse, based on business model definition, from multiple sources * Well& Subsurface data migration from legacy system to Studio database | |
| Sep 2006 - Aug 2011  **Data Consultant**  Landmark-Halliburton - Ho Chi Minh, Vietnam | *Landmark, a Halliburton business line, is the leading technology solutions provider of data and analytics, science, software, and services for the exploration and production industry.* |
| * 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
* Petroleum Geostatistics 2012 -CuulongJOC
* Petrel for Geophysicist 2012 & 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
* Spotfire Analytic 2018 - Udemy
* 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"