
Tu, Nguyen Ngoc (Mr)

LinkedIn: [in/turnernguyen](https://www.linkedin.com/in/turnernguyen)

Github: <https://github.com/Tunguyen5578>

Toronto, Canada



Project role

**Lecturer/Teaching Assistant/
Oil and Gas Data Analyst**

Background

Strategic and impact-driven **Digital Transformation Consultant** with 23+ years with Oil and Gas Drilling and Production Technology background. He has diverse experience across Oil & Gas, Retail, and Manufacturing industries. Proven success in leading enterprise-wide digital transformation initiatives, aligning business operations with cutting-edge technologies like SAP S/4HANA and Power BI, and delivering measurable improvements in efficiency, innovation, and stakeholder engagement. Adept at collaborating with C-level stakeholders, multidisciplinary teams, and global consulting partners to drive digital strategy, change management, and system implementation.

Education

- 🎓 **Master of Business Administration**, Columbia Southern University (USA)
- 🎓 **B.Sc. Petroleum Engineering**, University of Technology of HCM (Vietnam)
- 🎓 **Diploma**, ERP SAP S/4HANA – Supply Chain Management (Canada)

Certificates

- 🎓 Generative AI Overview for Project Managers – (Project Management Institute)
 - 🎓 Business Analytics: Decision Making Using Data – (Cambridge Business School)
 - 🎓 Digital Strategies for Business Transformation – (Columbia Business School)
 - 🎓 Digital Transformation - (Boston Consulting Group)
 - 🎓 ESG Reporting with GRI – Oil and Gas Sector – (Global Reporting Initiative (GRI))
 - 🎓 Carbon Taxation – (United Nation Institute for Training and Research (UNITAR))
 - 🎓 Circular Economy – Sustainable Materials Management – (Lund University)
 - 🎓 Carbon Capture and Storage – (GLJ)
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Key Digital Transformation Achievements

1. Project Lead – Vietsovpetro Digital Transformation & IT Master Plan (2024–2030)

- Developed a **long-term Digital Transformation Master Plan with 72 detailed initiatives**, covering subsurface, surface, and corporate-level digital capabilities.
- **Leveraged deep domain knowledge from prior roles at Petronas Carigali, PVDrilling, and Schlumberger** to translate complex offshore production workflows into actionable digital use cases.
- Collaborated with FPT DX and internal experts to create a scalable architecture that aligns with international O&G digitalization frameworks & trends.
- Took lead in stakeholder engagement, especially in technical divisions (e.g., drilling, reservoir, and platform operations), ensuring their input shaped realistic and practical solutions.
- Drove cross-functional buy-in by connecting IT strategy with day-to-day operational efficiency, HSE compliance, and production uptime goals.

2. Project Lead – BienDong POC Digital Transformation Strategy (2023–2027)

- **Led the end-to-end design and delivery** of BienDong POC's first comprehensive Digital Transformation Strategy, tailored to the upstream Gas environment.
- Collaborated with KPMG and internal experts to create a scalable architecture that aligns with international O&G digitalization trends.
- Defined 30+ priority initiatives aligned with organizational objectives, digital maturity, and specific production and safety KPIs.
- **Brought a unique Exploration & Production (E&P) perspective** to transformation planning, integrating field-level realities into IT roadmap design — a contribution that significantly bridged the gap between operators and IT consultants.
- Introduced advanced technologies for asset integrity, production optimization, and real-time data monitoring, leading to a **20% increase in adoption rate** of digital tools across departments.
- Facilitated change management sessions with Line 1 (Operations, Engineering) and Line 2 (Risk, QA/QC), ensuring business-wide alignment and ownership.

3. Deputy Project Lead – THACO Digital Transformation Program (2022)

- Co-led a comprehensive digital transformation assessment and roadmap development for **THACO Group** and its subsidiaries, covering manufacturing, logistics, and enterprise operations.

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- Coordinated cross-functional surveys and interviews with business unit leaders to analyze current IT infrastructure, integration readiness, and pain points in production and governance.
 - **Proposed a 3-phase DX roadmap**, identifying both short-term and long-term projects, including MES, SCADA, eContract, Yard Management, and centralized data platforms aligned with ISO 62264.
 - Contributed deep insights from oil & gas digital operations to strengthen THACO's approach to data collection platforms, service layer architecture, and vertical-horizontal integration.
 - Supported the development of unified service interchanges, ensuring scalability, security, and readiness for future smart factory initiatives.
 - Collaborated with executive management and local teams to align IT investments with THACO's vision to become a **multi-industry ASEAN leader**.

4. Cross-border Technology Integration & Energy Transition Promotion

Canada ↔ Vietnam

- **Actively collaborated with Canadian businesses and the General Consulate of Canada in Ho Chi Minh City** to promote energy transition initiatives in Vietnam, with a focus on **Carbon Capture and Storage (CCS)**, **LNG-supporting technologies**, and digital green energy solutions.
- **Led the introduction and integration of Canadian-origin technologies** into major Vietnamese energy entities such as PetroVietnam (PVN) and its subsidiaries, supporting digital transformation in ERP, SCM, and operational intelligence.
- Facilitated workshops, strategic dialogues, and requirement-gathering sessions with Line 1 (Operations) and Line 2 (Governance/Risk Management), ensuring alignment between Canadian innovations and Vietnamese operational needs.
- Advised the stakeholders on **compliance, risk governance, and change readiness** in adopting clean energy technologies, bridging international best practices with local execution models.
- Played a pivotal role in building **bilateral trust and market entry pathways** for Canadian cleantech firms looking to expand into Vietnam's growing energy and digital transformation markets.

◆ Core Competencies

- Digital Transformation Strategy & Roadmapping

- Stakeholder Engagement & Change Management
- SAP S/4HANA (SCM, SD, MM)
- Risk Management Systems & Governance
- Power BI & Business Analytics
- Procurement & Supply Chain Optimization
- IT Master Planning & Project Leadership
- Cross-functional Team Collaboration (incl. KPMG, FPT)

◆ **Professional Experience**

Business Development Director | Petrosouth

Canada & Vietnam | Feb 2022 – Present

- Led end-to-end digital transformation programs in the energy sector.
- Delivered tailored tech roadmaps, DX workshops, and UAT supervision.
- Supported data strategy, KPI frameworks, and stakeholder communications.
- Procured ERP, PDMS, and compliance solutions, facilitating adoption in 5+ mid to large enterprises.

Sales Account General Manager | TT Engineering Co.

Vietnam | Jan 2021 – Jan 2022

- Promoted process automation and industrial digital solutions in Oil & Gas and F&B.
- Consulted on operational challenges, compliance gaps, and automation readiness.
- Managed sales and deployment of Emerson technologies with digital analytics modules.

Founder & Managing Director | Petrotech Corp

📍 Vietnam | Dec 2008 – Dec 2020

- Directed corporate digital upgrade efforts including SCADA, ERP, and e-procurement platforms.
- Built vendor ecosystems with global tech companies from US, Malaysia, Japan, and UK.
- Conducted market analysis and process digitization planning for offshore operators.

Sales Account Manager | Schlumberger

Vietnam | Dec 2007 – Dec 2008



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- Delivered tech-enabled subsurface and well monitoring solutions.
 - Participated in digital infrastructure tendering and specification alignment with clients.

Senior Strategy & Business Development | PVDrilling

Vietnam | Aug 2006 – Nov 2007

- Developed and executed long-term business strategies to expand PVDrilling's market presence across Vietnam & Southeast Asia.
- Conducted in-depth industry, competitor, and market analysis to identify growth opportunities in upstream services, including jack-up rig operations and well services.
- Assessed and initiated new service lines, including integrated drilling services and digital solutions to improve rig efficiency and safety.
- Prepared feasibility studies, ROI projections, and risk assessments for strategic investment projects.

Operations Services Engineer & Senior Business Planner | PETRONAS Carigali Malaysia & Vietnam | Oct 2001 – Jul 2006

- Managed platform operational data systems and early digital reporting tools.
- Supported asset integrity, risk mitigation strategies, and operational readiness plans.

◆ **Tools & Platforms**

- **ERP:** SAP S/4HANA (SCM, MM, SD), Bravo ERP
- **Workspace:** Google Suites, Monday.com, Bitrix, Connect Team, Notion
- **BI:** Power BI, Tableau
- **Project Tools:** PMI Framework, Agile PM, UAT planning, Workshop facilitation
- **Languages:** English (Fluent), Vietnamese (Native)

◆ **Training Experiences**

- **Digital Transformation/Digital Twin at Mercedes Benz VietNam (2022), BienDong POC (2022)**

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- **Data Analytics with Power BI Various Clients (Công ty Cổ phần Chứng khoán Thành Phố Hồ Chí Minh (HSC), Vinamilk, GasSouth, VietThai International, ShinhanBank**
 - **Data Analytics with Excel.**