


CHUONG TANG

Calgary, AB 

email@chuongtang.com 

A Full Stack developer who leverages strong engineering background to expedite project execution, optimize strategic problem solving, and bridge project communications between field, senior, and executive leadership teams.

An avid learner who loves exploring new tech tools and makes a conscious effort to learn from dev community, self, and others.

A trusted partner to champion workplace diversity and inclusion, resulting in a proven track record of project execution success from business development, to start-up and project delivery.

CORE COMPETENCIES



- Implementing visual as well as **interactive elements** for Front End design (HTML, CSS, Javascript, ViteJS, React, Redux, Axios, Bootstrap, TailwindCSS, Tachyon, Shoelaces, Material UI, Prime-React, Auth0..).
- Building **lean, robust, and secure backend** to handle high volume of on-demand traffic (NodeJS, Express, JWT, Passport, Helmet, Multer, SanityIO, bcrypt..)
- Set up **Scalable secure databases** with powerful data models (MongoDB, Mongoose, GraphQL, CRUD - API, Postman..)
- Deploying full-stack applications onto **mono-repo and microservices**. (Cloudflare, Heroku, AWS, EC2, Netlify, Vercel..)
- Setting up **serverless backend** (Cloudflare workers, MongoDB Realm, SanityIO as CMS)
- Writing web3 smart contracts (Solidity, Hardhat, Truffle), run test (Mochai) and **deploy onto blockchain** or Testnet (Rinkeby, Mainnet)
- Designing front end interface (React, Ethers, web3js..) for users to **call and interact with smart contract** on the blockchain.
- Collaborating, maintaining good quality code by using **version control** and repository hosting (Git, Github).

PROFESSIONAL ACCOMPLISHMENTS



- Hackathon Runner-up : Built and deployed serverless application on MongoDB Realm** **2022**
- [Hackathon winners link](#)
 - [Watchkeeping Project](#)
- Lead developer – Led the development team in the design, build, and debugging of applications** **2021**
- MVP (minimum viable product) for a start-up : <https://evalview.club>
- Full Stack developer – Led an Agile developer team to build a scalable E-commerce web site** **2021**
- Lean & robust backend to handle high volume of on-demand traffic. UI Simplicity delivers seamless experience for app users. (<https://cutegoods.herokuapp.com/>)
- Project Delivery – Delivered longest well for Shell Canada (8510m drilled)** **2019**
- Led major multi-discipline projects at field level. Created and implemented well execution plan including cost control procedures / technology application and safety performance.
 - Managed and controlled daily budget by utilizing good quality DATA within cost tracking tool; uncovered \$1.2M in well cost savings and 95% accuracy of cost allocation reporting.
 - Performed DATA analytics for all top-quartile regional wells. Collaborated with Office Engineers and Service partners to develop optimal drilling parameters along the project. This led to on-target project delivery for drilling days (2 days earlier) and an excellent safety performance.
- Asset Management – Procurement / Inventory Reduction (Transocean Deepwater Inc.)** **2011**
- Reviewed total inventory DATA from all Deep-Water vessels. Collaborated with fleet maintenance group to established list of obsolete parts and tools. Set up and implemented fleet inventory reconciliation plan to all floaters. This led to a substantial reduction of total operating cost for year.
 - Analyzed rig maintenance system Technical DATA for downtime reduction. Selected as a key member within task force and identified the mean-time-between-failure (MTBF) for each department/unit. Consulted with logistics and procurement and made recommendations to optimize the mass purchasing plans and shipping schedules. This resulted in 15% pricing negotiation savings and 20% lead-time reduction for Asia Pacific fleet.
- FIRST Excellent Award – Transocean** **2008**
- Led the Marine department of an offshore drilling campaign with great performance in cost, safety and project delivery
 - Selected by regional and senior management in representing Vietnam sector to receive this Honour Hall of Fame award.

CAREER HISTORY



Solo entrepreneur, Freelance developer

Since Oct-2021

- Develop full stack applications for project-base clients on Communo.com

Full Stack developer Intern-



March - August 2021

- Implemented project-based experiences to develop the technical skills from database, backend to frontend design.
- Applied Agile methodology to state and analyze complex problems, uncover assumptions, collaborate with peers and distinguish between what is known and unknown to drive effective systems development and product delivery.

Well Site Supervisor - Shell Canada



2013 - 2020

- Managed project site of up to 20 members. Led the multi-discipline execution team at various phases. Portfolio of each well - CAD \$2.5 million with 8 to 14 wells, annually.

Operations Engineer - Transocean Deepwater Inc.



2009 - 2012

- Provided engineering and operations support for Corporate and Regional managers. Responsible for Asset Management and Rig repair projects. Reported to Corporate Subsea Operations Manager. Portfolio of 4 to 6 Floaters – US \$35 million TIC.

Marine / Barge Engineer - Transocean Vietnam



2006 - 2009

- Managed Marine department on an offshore drilling rig. Reported to Offshore Installation Manager.

Logistics Coordinator / Sales Representative -



2002 - 2006

- Tracked and reviewed KPI for warehouse processing. Analyzed shipping data. Set up QA/QC stage for shipment processing. Coordinated and analyzed supply chain cycle for value-added services.

EDUCATION / PROFESSIONAL DEVELOPMENT



Full stack developer - Evolve U (Inception U)

Data Science & Data Analyst - LinkedIn Learning path to become Data Analyst

Advanced Technical Certification - Engineering upgrade from Royal Dutch Shell

Well Engineering - Round 2 Engineering from Royal Dutch Shell

ICS300 Incident Command System - ICS institute of US

Maersk Logistics Way – Supply Chain and Logistics Training, Maersk (AP-Moller)

Bachelor of Science in Navigation Engineering, University of Transportation, Vietnam