

St. Johns, NL, Canada

709-325-3679

qttrinh@mun.ca



ABOUT ME

Full stack developer with 3 years of experience in Mobile technologies and 2 years of experience in **MERN** stack, with good knowledge of Database Design, Design Pattern, Object-Oriented Analysis and Design. Passionate about learning new languages and technologies. In addition, being open-minded and creative people with an excellent interpersonal skill along with master time management and organizational skills.



WORK EXPERIENCE



Present
2019

CTO **Hyke Technologies Inc.**

- Designed **software architecture**
- Designed and maintained **MySQL, MongoDB** database
- Wrote **REST APIs** used with both mobile and web applications
- Developed futures for web application using **CodeIgniter, React, NodeJS / ExpressJS** framework
- Developed futures for mobile application using **Swift and Flutter / Dart**



Present
2019

Post-Doctoral Fellowship **Memorial University (MUN)**

- Assessed the extent to which specific components of digitalization have be integrated into offshore oil and gas operations in offshore Newfoundland
- Developed Digital Twin concept for Offshore Newfoundland
- Designed case studies for Digital Oilfield Education Project
- Developed content for Digital Oilfield Education courses



2017
2012

Lecturer **PetroVietNam University (PVU)**

- + Lecturer of computer science
- + Participated in some projects:
 - Developed Learning Management System (LMS) for English courses in PVU using **Moodle** framework
 - Built the Virtual Experiments using for teaching in PVU using **Matlab**
 - Studied data processing of Pipeline Inspection Gauge (PIG) using adaptive filter algorithm in **Matlab**



2012
2008

Researcher **Melentiev Energy Systems Institute Siberian Branch of the Russian Academy of Sciences**

- Designed and implemented a **MySQL** database of the Russian coal industry
- Developed mathematical models and simulate to predict the development of coal industry
- Designed and implemented information and software system for the study of the coal industry using **Java**



EDUCATION



2012
2008

PhD - Systems analysis, management and information processing

Irkutsk National Research Technical University, Russia



2008
2002

Engineer - Information system and Technology

Irkutsk National Research Technical University, Russia



PROJECTS

PROSHOP e-Commerce Shopping Cart

2020

- The web application written in **JavaScript** using **NodeJS / ExpressJS** and **MongoDB** as back-end, **ReactJS** as front-end
- The completed shopping cart application that facilitates the purchase of products using PayPal payment method

IT-BLOG Online Blog Post

2020

- The serverless application written in **JavaScript** using **ReactJS** as front-end, **DynamoDB** as database system and **AWS Lambda** to interact between components
- The web application that allows users to share their knowledge and discuss in particular topic

COVID-19 Corona Virus Tracker App

2019

- The mobile application written in **Flutter / Dart**
- The cross-platform application that allows users to track the covid-19 cases all around the world



SKILLS

- Deep knowledge about OOP, Design Pattern...
- Experienced in software design, database design, Restful APIs, GraphQL, ...
- Good time management, presentation and teamwork skills ...



TECHNOLOGIES

Programming Languages: Java | Python | PHP | HTML | CSS | JavaScript | Dart | Swift

Databases: SQL Server | MySQL | MongoDB | DynamoDB

Frameworks: CodeIgniter / Laravel | Django | ReactJS / ExpressJS | Bootstrap / jQuery | Flutter



CERTIFICATION

IBM Data Science Professional Certificate



INTERESTS

