Thai Nguyen
Software Developer – Full Stack

Calgary, AB **|** (403) 973 2577 **|** duythai275@gmail.com
www.linkedin.com/in/thaind275 **|** github.com/duythai275 **|** duythai275.medium.com

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Summary of Qualifications

- Software Developer Honor Graduate from SAIT with passion for developing and implementing new programs
- Collaborated with a team of 4 software developers to complete a Shopping Online site with React + Redux
- Developed a management desktop app using React + Redux with Electron for managing orders and sales of a Asia Food store
- Contributed to build the RESTful API in order to let apps and websites interact with the database using Java Spring Boot and MySQL.
- Ensuring quality of the program by constant coding review
- Experienced creating Junit tests for Java component of an Event management system
- Used problem-solving abilities to resolve front end and back end tickets throughout the development cycle
- Worked effectively with back end, front end, data analyst, and management team in a multicultural environment

Technical Skills

Languages: Java, JavaScript

Technologies: jQuery, Redux React, React Hooks, Material UI, Electron

Developer tools: MySQL, Visual Studio, GitHub

Methodologies: Waterfall, Agile Software Development

Experience & Projects

Front End Developer   Mar 2014 – Jun 2018
HISP Vietnam   Ho Chi Minh, Vietnam

- Created custom reports and entry forms by getting data from provided API, and designed with HTML, CSS and jQuery.
- Developed Node scripts to get data from other systems and import it into DHIS2, plus setting up Cron job in Ubuntu server to automate the progress.
- Developed entry data apps in specificed requirement using React and Electron.
- Maintain the qualifications of data by using Node script to detect and fix wrong data for Health Statistic reports.
- Maintained high quality of work with the team by performing quality assurance of code writing done by team members to ensure compliance of code standard
- Prepared presentation and technical documentation to train custom event management system users.

- Communicated with the client to establish project requirements and followed up with proposed designs

Recent Projects

HHA E-commerce Store (Website, App and Rest API)   Jan 2021 – Apr 2021
School project   Calgary, AB
- Designed, developed, and implemented a shopping online website and a desktop app to manage the website. These website and app interact with MySQL database through the API that built by Java Spring Boot
- Created a software solution and a structure using UML diagrams such as Class diagram, Sequence diagram and Use Case diagram
- Created the back end of the system utilizing Java with Spring Boot and following a RESTful API design
- Implemented Redux + React for the shopping online website
- Implemented Redux + React and Material UI for the management online store web app, and build it as a desktop app using Electron

HHA Attention Checking   *June 2020*
Calgary, AB
- Designed, developed, and implemented a dekstop app to track the check in and check out time of staff in the store
- Implemented Redux + React and Material UI for the web app, and build it as a desktop app using Electron
- Easily installation and convinient use without database tools; manage all data by a XLSX file
- Kept in mind customer interest while developing software

Education

Southern Alberta Institute of Technology   *Sep 2019 – Apr 2021*
Diploma of Software Development (GPA: 3.71)   Calgary, AB

Relevant Coursework: Object Oriented Software Analysis and Design, Java Programming I & II, Advanced Object-Oriented Programming in Java, Interface Design, Web Development, Relational Database Design & SQL