



EDUCATION

B.E Software Engineering Specialization
XXXXXXXXXX

XXXX ,ON | Sep 2015 - Jul 2019

WORK EXPERIENCE

JD | FRONT-END ENGINEER

Beijing, ON | Jul 2019 – Today

- Designed and implemented a **Low-code** data visualization program platform core module using **React** and **TypeScript** to support JD 11.11 & 6.18 external PR needs, decreasing time to deploying, progress and debug.
- Designed and built CI/CD flow, static resource server and resource cache
- Built data visualization page in the platform

PROJECTS

JD VISION DATA VISUALIZATION LOW-CODE PLATFORM  **TYPESCRIPT, REACT, REDUX, THREE.JS, D3.JS**

- **Using case:** The platform is use to build data visualization web page that provider to JD 11.11 & 6.18 JD Health and merchant data dashboard
- **Duties:** Designed and implemented platform core function and data visualization components, include: State Manage, History Record, Component Group, Data API Structure Convert, Dragging Performance Optimize, real-time data render optimize. Customize component progress flow optimize.
- **Way:** Performance optimize used **hooks** to cache some states. History record used multi-level cache. Components Group used DFS algorithm.

AUTOMATED MONITOR WEB APP SERVER SIDE  **TYPESCRIPT, BASH, XVFB, FFMPEG, DOCKER, NODEJS**

- **Description:** In specific time , recording video and logs of the web-site with headless mode. Support 20 concurrency in one server that has 4 core and 4 memory with 4k display
- **Duties:** Design task scheduling strategy to optimize usage of memory
- **Key point:** Crontab job memory splitting. 4K video concurrency recording.

SKILLS

Languages: JavaScript, TypeScript, Bash

Web Development: React, React Hooks, VUE, NodeJS, Jest, Puppeteer, D3js

Technology: Git, Docker, Webpack, functional programming

HONOR & PATENT

- JD 2020 Shining star award
- Base on React Turing complete form-render system (Patent ID: 202110043108.9)
- Intelligent control aquarium and its remote control system (Patent ID: CN109240172A)