

# Hai Long Do . Jarvis Consulting

I am a Computer Engineering new grad from Seneca College. Throughout my college, I gained experiences in Software Development and Networking. I'm also having realworld practical experience in Networking as IT Systems Technologist during my Co-op term. Besides, I'm very interested in Web development and having practical experience by building site project from Front-end, Back-end to Full-stack which popular language and frameworks such as JavaScript, React, NodeJS, ASP.NET, etc,.. After graduate, I decided join in Jarvis training program for Software Engineer position. Currently, I am looking for an greate environment where I can apply my technical and soft skill that I have learned, also a place where I am able to continue to improve myself.

## Skills

**Proficient:** Java, JavaScript, TypeScript, React/Redux, NodeJS, Linux/Bash, RDBMS/SQL, MongoDB, Agile/Scrum, HTML/CSS, Bootstrap 5/ Tailwind CSS, Git

**Competent:** C#, ASP.NET, Docker, NextJS, JWT

**Familiar:** C/C++, Python, Django, Material UI, Angular

## Jarvis Projects

Project source code: [https://github.com/jarviscanada/jarvis\\_data\\_eng\\_HaiLong](https://github.com/jarviscanada/jarvis_data_eng_HaiLong)

**Cluster Monitor** [GitHub]: Developed a cluster resource monitoring program that collects data CPU hardware specifications using Bash Shell Scripts. Provisioned a PostgreSQL instance using Docker. Stored static and dynamic real-time data in the psql instance. Automated dynamic real-time data retrieval every one minute using crontab. Inserted the specifications into two tables using DDL.

**Core Java Apps** [GitHub]:

- Twitter App: In progress
- JDBC App: Developed an Java Maven project that contains full CRUD functionality. Implemented DAO patterns. Provisioned PostgreSQL by using Docker. Leverage JDBC for database and setup connection.
- Grep App: Developed an Java Maven project that mimics grep command by performing regex patterns that match files in a directory. Applied Stream API and Lamda expression for improved performance.

**Springboot App** [GitHub]: Not Started

**Python Data Analytics** [GitHub]: Not Started

**Hadoop** [GitHub]: Not Started

**Spark** [GitHub]: Not Started

**Cloud/DevOps** [GitHub]: Not Started

## Highlighted Projects

**ILearn** [GitHub]: Developed a MERN stack app for tracking and modify learning process. Implemented JsonWebToken for authentication. Implemented React in frontend site and Context API as state management. Implemented ExpressJS in backend. Applied MongoDB for storing data.

**E-commerce Web API** [GitHub]: Developed an Ecommercial ASP dotNET Web API. Implemented authentication using JsonWebToken. Handled paying by applying Stripe. Designed database using MongoDB.

**Reddit clone** [GitHub]: Developed Fullstack webapp cloning Reddit features. Applied ExpressJS framework from backend and GraphQL as API instead of REST API. Implemented PostSQL for storing purpose. Applied NextJS from frontend and handle GraphQL API using Apollo. Improved SEO using getServerSideProps function. Generated code from GraphQL using GraphQL codegen. Styled web app using Charka UI. Implemented TypeScript for both side to reduce typing errors and errors handling efficiency

## Professional Experiences

**Software Developer, Jarvis (2022-present):** Implemented several projects covering various technologies such as Linux, Bash, SQL, Java, Springboot. Collaborated together by using Agile methodology. Applied Scrum framework for daily and retrospect meetings

**IT Systems Technologist, Seneca College (2020):** Provided quality customer service by answering questions through emails and calls. Gained good feedbacks from resolving technical issues involving hardware and software applications. Delivered client support through Field Service Technology. Received return offer from the company

## Education

**Seneca College (2019-2021),** Advanced Diploma, Computer Engineering Technology - Dean's List (2021) - GPA: 3.8/4.0

## Miscellaneous

- Video Game
- Movies