

HAOBIN HUANG

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Portfolio: <https://hhbportfolio.netlify.app/>

EDUCATION

Manitoba Institute of Trades and Technology, Winnipeg, Canada

August, 2021 – August, 2022

Software Developer Diploma

Washington University in St. Louis, St. Louis, USA

August, 2013 – December, 2014

Master of Science in Supply Chain Management

PROFESSIONAL EXPERIENCE

City of Winnipeg, Canada

June, 2022 – August, 2022

Full Stack Developer Intern

- Modified and enhanced product features of existing projects by developing a **RESTful API** with **ASP.NET**.
- Designed entity-relationship for 3 newly added entities and executed multiple database migrations.
- Performed unit testing and accomplished about 80% of code coverage for the main business logic layer.
- Learned CI/CD process and created pull requests for daily code commits with Azure DevOps platform.
- Wrote and tested SQL scripts for seed data in four different projects.

Shenzhen Mass Communication Tech Company Ltd. Shenzhen, China

October, 2016 – February, 2020

Senior Sourcing Specialist

- Built strong partnerships with 3 top telecom carriers in China and Internet Data Center service providers.
- Strategized sourcing plans with the goal of assuring specified quality, required delivery times and minimizing the total cost of the products and services.
- Negotiated productive relationships with 4 new suppliers and supported the business expansion of the company.
- Analyzed cost structure and cost savings opportunities based on production requirements and integrated purchase process and reduced annual sourcing cost by 11%.

Walmart Global Sourcing Shenzhen, China

June, 2015 – October, 2016

Replenishment Analyst

- Analyzed sales trend and optimized replenishment strategy and achieved 95% service level year-round.
- Optimized inventory flows for about 200 product SKUs from over 30 suppliers and reduced stock value by 20%.
- Conducted demand forecasting, planning and provided replenishment report through Tableau on weekly basis.
- Collaborated with cross-functional teams (sourcing, logistics, overseas retail, etc) to support daily operations

PROJECT EXPERIENCE

React Weather Forecast App

May, 2022 – June, 2022

Constructed a responsive weather forecast application using React with features such as displaying real-time weather data by location and showing local time details with dynamic backgrounds.

- Leveraged Geolocation API to get coordinates of the user's current location.
- Analytically strategized and fetched weather data from OpenWeatherMap API endpoints by city or coordinates.
- Achieved better usability of raw data by destructuring object and reorganizing data structure.
- Improved the visual appearance using Tailwind CSS, Unicons and Google Fonts.

Project Management System

March, 2022 – April, 2022

Acted as Team Lead for the complete application. Led a team of 4 people to develop a mock bug ticket system that can create and assign tickets and manage ticket status using C# and .NET Core MVC.

- Worked closely with the team to perform code-first approach using entity framework and database migration.
- Implemented ASP.NET authorization and authentication to manage accessibility and identity.
- Integrated with plugin features such as Pagination, rich text editor to enhance user experience
- Controlled project version and coordinated with teammates using GitHub.

Route Planning Project

November, 2021

Built a web application that can generate routes between designated starting point and destination.

- Used third-party APIs such as MapBox API and Trip Planning API to build a trip planner application.
- Applied geocodes and coordinates to make API calls to receive required information.
- Designed front-end web pages to load and display data with HTML, CSS and JavaScript.

TECHNICAL SKILLS

Programming Languages: C#, JavaScript, Typescript, HTML, CSS, SQL

Framework: ASP.NET, React, Tailwind CSS

Tools: Git/GitHub, Visual Studio Code, WebStorm, SQL Server, npm

SOFT SKILLS

- Analytical Thinking
- Cross-functional collaboration
- Multitasking
- Problem solving
- Self-motivation