

KHANH NGUYEN

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Summary

- Graduated in April 2023 with a Bachelor's Degree in Computer Programming and a current GPA of 4.0.
- Proficient in HTML, CSS, and JavaScript, and knowledgeable in MERN stack development.
- Skilled in collaborating with designers and developers to deliver high-quality products.
- Worked 7 years in Supply Chain Optimization and Warehouse Development at Mercedes-Benz with experience in project management for warehouse automation projects.

Skills

- Front-end: React, Redux, Nextjs, HTML, CSS, Bootstrap, NextUI
- Back-end: Javascript, Nodejs, Express
- Database: SQL, DB2, MongoDB, Postgres
- Enterprise Resource Planning: SAP, Autoline
- Others: Power BI, Photoshop, Adobe After Effects

Projects

Warehouse Utilization Tool | Web application with enhanced UI

March 2023 – March 2023

- Built a responsive webpage with 2D warehouse bin layout using Nextjs and NextUI components.
- Developed different views of the bin locations using conditional rendering and NextUI styling, CSS.
- Enhanced user experience with tooltip feature allowing user to view the bin information by clicking on the components.
- Enhanced user experience with a drag and drop feature that allows the user to relocate parts to different bin locations using synthetic event handling.

Technologies: Nextjs, Jotai, NextUI, CSS, Vercel.

Demo: <https://www.youtube.com/watch?v=8DADSPFw18c>

Product: <https://warehouse-utilization-tool.vercel.app/>

Source code: <https://github.com/TQKNG/Warehouse-Utilization-Tool>

Order Tracking Tool | Responsive web application with CRUD management

February 2023 – March 2023

- Built a responsive full-stack webpage by using MERN technologies.
- Control user input with React-Hook-Form.
- Managed the states of the components using Redux Toolkits.

- Managed API calls to backend for CRUD using Redux Thunk.
- Enhanced user experience with SVG animations using Lottiejs.
- Enhanced user experience with sending email feature using Sendgrid.
- Enhanced the admin dashboard security with password control using bcrypt.

Technologies: React, Redux Toolkits, Redux Thunk, React-Hook-Form, Lottiejs, Nodejs, Express, MongoDB, Sendgrid, Vercel, Render.

Demo: <https://www.youtube.com/watch?v=Vp7tm--iYjM>

Product: <https://ordertracking-app.vercel.app/>

Source code:

Front-end <https://github.com/TQKNG/Warehouse-Utilization-Tool>

Back-end <https://github.com/TQKNG/OrderTracking-Back>

Experience

Mercedes-Benz Vietnam | Ho Chi Minh City, Vietnam

Awarded Employee Performance Appraisal Year 2017, 2018

Assistant Manager - Supply Chain Operations, May 2018– Aug 2021

- Managed overall parts replenishment to meet the target service level of 95%
- Coordinated global integrated supply chain projects to provide real-time operational reports to the regional hub and the headquarter.

Supply Chain Analyst, Apr 2015 – Apr 2018

- Forecasted Inventory for 10,000 SKUs using time series analysis.
- Queried SQL and used Power BI to report KPIs on parts' business.

Education

Seneca College of Applied Arts and Technology | Toronto, ON Canada

Diploma in Computer Programming

- President's Honor List in Semester 2 and 3

Saxion University of Applied Sciences | Deventer, Overijssel Netherlands

Bachelor of Business Administration

- University Honors Scholar
- Studied abroad in Singapore, USA, and Australia