

UTSHAV KHATIWADA

West Chester, OH 45069 | khatiwuv@mail.uc.edu | <https://www.linkedin.com/in/utshavkhatiwada>

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Java, C#

Web Development: React, Node.js, Express.js

Database Management: PostgreSQL, MySQL

Tools & Frameworks: Docker, Git, VS Code

APIs: REST API

Concepts: Data Structures and Algorithms, Object-Oriented Programming, Microservices, MVC

EDUCATION

Bachelor of Science in Information Technology – Software Development Track

Expected Graduation: Fall, 2025

University of Cincinnati, Cincinnati, OH

- **GPA:** 3.70
- **Dean's List:** Spring 2023, Summer 2023, Spring 2024
- **Relevant Coursework:** Computer Programming, Fundamentals of Web Development, Web Game Development, Database Management, Web Server Application Development, Mobile Application Development.

EXPERIENCE

Software Developer Co-op

Aug 2024 - Present

University of Cincinnati Information Technology Solution Center, Cincinnati, OH

Technologies Used: React.js, TypeScript, Express.js, Docker, MySQL, PostgreSQL, Git, GitHub, VS Code

- Develop and maintain front-end interfaces using **React** and **TypeScript**, building new UIs and enhancing existing features.
- Design, create, and modify **REST APIs** using **Express.js**, ensuring seamless integration with front-end components.
- Write and optimize **SQL** queries for **PostgreSQL** and **MySQL** databases, improving data retrieval and system performance.
- Troubleshoot, debug, and resolve **full-stack development** issues in both front-end and back-end systems, contributing to overall code quality and functionality.
- Participate in daily **standups**, **sprint reviews**, **retrospectives**, and **sprint planning** to ensure effective collaboration and project progress.

Information Services Intern

Aug 2023 - Jul 2024

GMI Companies, Lebanon, OH

Technologies Used: C/AL, Microsoft Dynamics Nav, SQL, Microsoft Report Builder

- Created an automated email system that regularly notified customers when their quotes were about to expire, utilizing **NAV databases**, pages, and reports to ensure seamless operation.
- Developed and implemented custom functionalities in **Microsoft Dynamics NAV 2018** using **C/AL**.
- Led production-level projects, applying **C/AL** programming skills to build, test, and optimize custom features, improving system efficiency and user experience.
- Demonstrated strong ability to work independently and collaboratively within a team, effectively managing projects by tracking deadlines and actively participating in problem-solving initiatives.

PERSONAL PROJECTS

Chatbot - <https://utshavsbagpack.me/chat>

Technologies Used: Node.js, React, TensorFlow, Socket.IO, Node-NLP

- Developed a chatbot using **Node-NLP** for primary intent recognition and integrated **TensorFlow** as a fallback to handle unmatched inputs, optimizing performance with precomputed intent embeddings for faster and more accurate responses.
- Utilized **Socket.io** to manage real-time client-server communication, enabling live interaction between users and the chatbot.
- Built the front-end UI using **React**, while handling the backend logic with **Node.js** to process inputs and deliver responses.

WEBSITES, PORTFOLIO, PROFILES

Portfolio: <https://utshavsbagpack.me>

GitHub: <https://github.com/Ut8v>

Blog: <https://utshavsbagpack.me/chat-blog>

CO-OP AVAILABILITY: FALL 2025