

UTSHAV KHATIWADA

khatiwuv@mail.uc.edu | www.linkedin.com/in/utshavkhatiwada | <https://utshavsbagpack.me> | <https://github.com/Ut8v>

Summary

A dedicated software developer with over a year of experience in full-stack web development, proficient in React, Node.js, and Express.js. Skilled in designing and maintaining scalable web applications, developing RESTful APIs, and managing databases such as PostgreSQL and MySQL. Demonstrates strong problem-solving abilities and experience with testing practices, including unit and integration testing.

Education

University of Cincinnati, Cincinnati, OH

Expected graduation: Fall 2025

Bachelor of Science, Information Technology - Software Development Track

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

Work Experience

University of Cincinnati Information Technology Solution Center

Cincinnati, OH

Software Developer Co-op

Aug 2024 - Present

- Develop and maintain front-end interfaces using React and TypeScript, ensuring scalable and high-performing web applications.
- Design, create, and modify REST APIs using Express.js to enable seamless integration with front-end components.
- Optimized SQL queries for PostgreSQL and MySQL databases, enhancing data retrieval efficiency and system performance.
- Troubleshoot and resolve full-stack development issues, improving overall code quality and application functionality.
- Participate in Agile ceremonies including daily standups, sprint reviews, and planning sessions to facilitate effective collaboration and project progress.

GMI Companies

Lebanon, OH

Information Services Intern

Aug 2023 - Jul 2024

- Developed and implemented custom functionalities in Microsoft Dynamics NAV 2018 using C/AL, enhancing system capabilities.
- Created an automated email notification system utilizing NAV databases, improving customer communication efficiency.
- Led production-level projects by building, testing, and optimizing features, contributing to improved system performance and user experience.
- Collaborated effectively within a team environment, managing project deadlines and actively participating in problem-solving initiatives.

Personal Projects

Chatbot

- Developed a chatbot for my personal portfolio 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.

Skills

Programming Languages: TypeScript, JavaScript, Java, C#

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

Database Management: PostgreSQL, MySQL

Tools & Frameworks: Docker, Git, VS Code

APIs: REST API

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