

RAJANI KHATRI

Greater Cincinnati Area | (859) 529-5938 | khatrir2@mymail.nku.edu | [LinkedIn](#) | [GitHub](#)

EDUCATION

Northern Kentucky University, Highland Heights, KY

Expected: Fall 2026

Major: Computer Science, B.Sc.

GPA: 3.81

Minor: Data Science

Awards & Honors: International Merit Scholarship, EDGE Award, President's Honors List and Dean's Honors List

Relevant Coursework: Computer System, Data Structures and Algorithms, Full-Stack Application Development, Object-Oriented Programming I & II, Calculus I & II, Statistics, Discrete Mathematics, Web Development, Database Programming, Data Wrangling, Fundamentals of Data Science, Introduction to Computer Networks

SKILLS

Languages: jQuery | JSON | NodeJS | Python | ReactJS | ExpressJS | JAVA | JavaScript | HTML/CSS | Pandas | SQL

Tools: | MongoDB | Microsoft Office | PyCharm | Jupyter Notebook | Bootstrap | Git | Visual Studio Code | IntelliJ IDEA

Competencies: Data Visualization | Software Testing | Debugging | Teamwork | Leadership | Problem Solving | Communication | Multi-Tasking | Customer Service | Organizational Skills

WORK EXPERIENCE

Student Assistant | NKU Career Service | Highland Heights, KY

05/2024 - Present

- Serve as a student assistant for the Career Services Department and First-Year Student Success Hub, facilitating engagement with students, alumni, and employers.
- Schedule appointments for students, handling phone calls, responding to emails, review and approve job listings, addressing job-related questions from employers, career inquiries from students, and queries from parents.
- Assist with small projects assigned by supervisor, supporting other staff members, and help in planning and manage Career Services events, including Career Fairs and workshops.

Membership Services | NKU Campus Recreation | Highland Heights, KY

05/2024 - Present

- Facilitate check-ins at both the front desk and membership desk, explaining membership types and benefits, and handling membership sales, renewals, and transactions.
- Update patrons on changing policies, answering inquiries, and providing detailed information about programs and services.
- Participate in special events and initiatives hosted by Campus Rec.

LEADERSHIP & EXTRACURRICULARS

Student Research Assistant | Northern Kentucky University | Highland Heights, KY

02/2024 - Present

- Assist Professor Dr. Nicholas Caporusso with **data analysis** for Rate-my-professor project to enhance classroom experience through student reviews and dataset insights.
- Create survey questions for students and professors to gather perspectives on Rate-my-professor techniques, including aspects like quality, difficulty, and textual reviews.
- Develop **charts and dashboards** using modern web technologies to enhance data exploration and engagement for students and professors.

COI Ambassador | College of Informatics | Highland Heights, KY

01/2023 - Present

- Contribute to the COI Ambassador program by representing student voices on committees, marshaling COI graduates at Commencement, and mentoring first and second-year students during their transition into college life.
- Volunteer at events such as Table-talks with prospective students about STEM majors, recruiting events, and panel talks to address incoming student questions, while providing tours of halls and COI labs.

PROJECTS

Full Stack Travel Suggestion Web Application

01/2024 - 05/2024

- Created a website named "[Travel Suggestion Web Application](#)" for exploring and discovering countries, cities, and places of interest in Asia, offering a virtual travel experience where users can interact with content through comments and contributions.
- Implemented CRUD operations using **JavaScript** and **jQuery** with **Bootstrap** for responsive UI design, supporting frontend interactions with backend-driven data handling by designing API endpoints and implementing logic to handle HTTP requests for countries, places, and cities.
- Implemented a robust authentication system using **MongoDB** to store user credentials, allowing users to sign up, sign in, and sign out with JWT-based authentication (30-day expiration), enabling them to view and add comments after logging in, resulting in a perfect score upon successful project completion.

Jsonblob Replica

05/2024 - 06/2024

- Developed a personal JSON Blob website named "[Jsonblob Replica](#)" reusing **Express.js**, **JavaScript**, **HTML**, and **CSS**, designed to function similarly to the popular JSON Blob service.
- Implemented a **RESTful API** enabling users to create, store, retrieve, update, and delete JSON data through an intuitive interface for efficient management.
- Implemented a **unique identifier** for each JSON data piece, enabling direct access and manipulation via specified links.