

# Raghav Anand

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**Programming Languages:** Python, Java, TypeScript, JavaScript, CSS, HTML5, C++, SQL

**Frameworks:** React, NumPy, pandas, JQuery, Tailwind, Django, Tensorflow, .NET, Express, Redux

**Technologies:** Git, AWS, Docker, Node.js, MySQL, REST API, Linux, Vercel, BaaS

## EDUCATION

### University of Windsor

May 2021 - April 2024

- Bachelor of Computer Science Honours - Artificial Intelligence Specialization, Minor in Mathematics
- Distinctions:** Dean's Honor Roll 2022-2024. **CGPA: 3.7/4.0**

## WORK EXPERIENCE

### Machine Learning Research Intern

May 2023 - August 2023

Tech Mahindra

Gurugram, IN

- Developed an innovative PDF document parsing tool leveraging **Langchain LLM** and **Python**.
- Utilized advanced Large Language Models to automate data processing, achieving better accuracy and a 55% improvement in efficiency in extracting skills and personal information.
- Collaborated with a team of 5 to leverage Large Language Models, significantly enhancing data processing efficiency.

### Full Stack Developer Intern

May 2022 - August 2022

Superblanks

Virtual

- Designed and managed a real-time dashboard using **React.js** to display website metrics
- Played a pivotal role in the website's redesign using React.js, directly leading to a 40% reduction in bounce rate.
- Implemented and optimized API integrations for third-party services, significantly enhancing the website's functionality and user experience.

### Teaching Assistant

September 2022 - Present

University of Windsor

Windsor, ON

- Mentored over 200 students across four key Computer Science courses, enhancing their understanding through the development of comprehensive study guides, in-depth code reviews, and timely query resolution.
- Developed and led weekly tutorials on **Object-Oriented Programming** and **Database Management Systems** for 500+ students, achieving a 98% positive feedback rating through clear explanation of complex technical concepts.

## PROJECTS

**Spacelog** | [Github](#) | React, Redux, Tailwind, Appwrite, Cloudflare | [Demo](#)

2024

- Built a sophisticated blogging platform for astronomy enthusiasts in **React**, leveraging backend as a service(**Appwrite**) for secure data storage and user management. Implemented **Redux** for robust state management
- Designed a responsive user interface using **Tailwind CSS**, focusing on mobile-first principles to improve accessibility and user satisfaction, deployed the application on **Cloudflare** to maximize uptime and reduce latency.

**ConcertBeat** | [Github](#) | React, Node.js, Express, Spotify API, Ticketmaster API, Vercel | [Demo](#)

2024

- Developed an interactive platform for live concert discovery by interfacing with **Spotify and Ticketmaster APIs** for personalized event recommendations.
- Implemented OAuth 2.0 for secure Spotify user authentication, managing session tokens for seamless user experience.
- Deployed a full-stack application using **Vercel**, with environment variables for secure API interactions.

**News Summarizer** | [Github](#) | Python, LLMs, Assistants API, NewsAPI

2023

- Developed a dynamic news summarization application in Python that leverages Large Language Models from **OpenAI** and the **Assistant API** to deliver concise summaries.
- Integrated **News API** to fetch the top five relevant news stories globally based on user-specified topics.
- Employed advanced algorithms to extract critical information, offering users quick insights into current events of their personalized queries with the aid of cutting-edge natural language processing techniques.

## Accomplishments

- Indian Student Association: Vice-president of the ISA at UWindsor, led and organized events for Indian students
- Varsity Player: Played under the lancer gaming varsity team in various collegiate eSports tournaments for Valorant