

Raghav Anand

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Programming Languages: Python, Golang, TypeScript, JavaScript, Bash, C++, SQL

Frameworks: React, Matplotlib, NumPy, pandas, JQuery, Bootstrap, Django, Flask, Tensorflow

Technologies: Git, Docker, Node.js, MySQL, REST API, Linux

EDUCATION

University of Windsor

December 2023

- Bachelor of Computer Science Honours - Computer Science Artificial Intelligence Specialization
- Minor in Mathematics, **Dean's Honors Roll**

WORK 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.

Full Stack Developer Intern

May 2022 - August 2022

Superblanks

Virtual

- Designed and managed a real-time dashboard using **React.js** and **Redux** 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 and significantly improving user engagement.
- Developed a GraphQL API, resulting in a 55% reduction in response times in an agile environment

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 a 55% improvement in efficiency and accuracy in extracting skills and personal information.
- Collaborated with a team of 5 to leverage Large Language Models, significantly enhancing data processing efficiency and contributing to a pioneering project in information extraction.

PROJECTS

Discord Chatbot | [Github](#) | Python, numpy, Tensorflow, pyaudio, speech-recognition

2021

- Developed a sophisticated Discord Chatbot utilizing **NLP** and **Sentiment Analysis** with **Tensorflow**, **Keras**, achieving a 90% accuracy in understanding and responding to user sentiments.
- Implemented version control with **Git** and leveraged **Jupyter Notebooks** for thorough documentation and experimentation, ensuring robust project management and streamlined development processes.

Encryption Service | [Github](#) | Python, Linux, Git, Docker

2023

- Built a Python application with **RSA** and **AES encryption** capabilities to secure user files and data
- Enabled users to encrypt and decrypt files and directories automatically during system startup and shutdown
- Simplified deployment across environments by creating a **Docker** container

ConcertBeat | [Github](#) | JavaScript, React, Git

Present

- Programmed a user-friendly web application using React and JavaScript to find concerts.
- Seamlessly integrated the Spotify API, enabling users to find concert events nearby.
- Implemented efficient data fetching and state management to ensure fast and accurate results.

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