

Yagyeshz Vishnoi

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EDUCATION

Vellore Institute of Technology Bhopal

Bachelor of Technology in Computer Science & Technology (CGPA-8.82) Sep 2022 – May 2026 (Expected)

DPS Udhampur (12th (87%) & 10th (90%))

April 2018 – July 2022

WORK EXPERIENCE

Club Member

Oct 2022 – Current

Microsoft Technical Club VITB

- As the part of the technical club's 100-200 members, we collaborate with volunteer teams.
- To enrich the technical club, had the chance to contribute to the core team across 7 domains, offering our expertise and skills.

PROJECTS

Book Review | *Express.js, Rest API, SQL, EJS, HTML & CSS(Front-end)*

Jan 2024

- Engineered a Book CatLog App utilizing Node.js, EJS, and Express.js, Efficiently retrieved data from SQL backend.
- Incorporated external APIs for fetching book covers and details, enhancing user experience and interaction.
- Designed a user-friendly frontend interface using pure HTML and CSS, allowing easy access and sorting of data by user preferences.
- Architected backend logic for efficient data retrieval and rendering, ensuring smooth user experience and content delivery.

Family Travel Tracker | *Express.js, SQL, EJS, HTML & CSS(Front-end)*

Jan 2024

- Created a Family Travel Tracker application featuring a world map interface to visualize visited locations.
- Utilized SQL database for storing comprehensive information about family members and their travel history.
- Implemented Express.js for robust backend functionality, facilitating seamless data management and interaction.
- Developed frontend using HTML, CSS, and JavaScript, ensuring an intuitive user experience for adding, removing locations, and managing family member details.

ASL Translator | *Python, CVzone, Google Keras, NumPy (Group Project -5 Members)* *Aug2023*

Led Data Collection and Training of AI model.

- Spearheaded the data collection and training phase of a group project focused on developing a real-time American Sign Language (ASL) translator using the CVZone library and NumPy.
- Assembled a dataset comprising 7800 images to train the AI model, ensuring comprehensive coverage of ASL gestures for robust recognition.
- Led the training process of the AI model, fine-tuning parameters to achieve an impressive efficiency rate of 88% in real-time ASL interpretation.
- Collaborated with team members to seamlessly integrate the trained model into the application, enabling accurate translation of hand signs into text.

SKILLS & CERTIFICATIONS

Field: Full Stack Developer, Backend (Express.js, Node.js, SQL) Frontend (React.js, CSS, HTML)

Languages: JavaScript, C++, Python

Frameworks: Express.js, Node.js, React.js, MongoDB

Concepts: Web Development, Data Structures & Algorithms, Object-Oriented Programming (OOPs), Computer Networks

Developer Tools: Git, GitHub, Postman, Heroku, Chrome for Developers, Canva, Visual Studio Code,

Certifications: The Complete 2024 Web Development Bootcamp by Angela Yu,

The Bits and Bytes of Computer Networking by Google Certification