

UJJAWAL KUMAR

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[GITHUB](#)

SUMMARY

B.Tech student in Computer Science with a good foundation in mathematics, programming, data structures, and web development. Seeking opportunities to contribute to innovative projects and gain hands-on experience in the tech industry.

EDUCATION

Bachelor of Technology in Computer Science
Vellore Institute of Technology, Chennai

Sep 2022 - Present
CGPA: 9.06/10

TECHNICAL SKILLS

- Programming Languages: Java, Python, C++, C
- Web Development: Django, HTML, CSS, SQL, Postgresql
- Operating Systems: Linux, Windows

PROJECTS

DevSearch Website ([Github](#))

may 2024 - Present

- Developed a platform for developers to connect and search for projects based on specific criteria.
- Utilized Django as the web framework, Django REST Framework for API integration, and PostgreSQL for the database.
- Included features for users to create profiles, post projects, and search for projects.

Gesture Controlled Message Display ([Github](#))

Sep 2023 - Present

- Built a system using Arduino and flex sensors where a person wears a glove with sensors to display messages on an LCD screen based on hand movements.
- Implemented the hardware setup and programmed the Arduino to interpret sensor data and control the display.

Image Ingredient Identification ([Github](#))

Aug 2024 - Present

- Created a small project where users can upload images, and the system identifies ingredients and items present in the image.
- Used machine learning techniques and image processing to analyze and identify objects in the uploaded images.

RESEARCH & PUBLICATIONS

Error Identification in Translation Look-Aside Buffer

- Presented at the 3rd IEEE International Conference on Artificial Intelligence for Internet of Things (AloT 2024)
- Presented in association with the Finnish Indian Consortia for Research and Education (FICORE), Finland, and DST-SERB, India.
- Organized by the School of Electronics Engineering, Vellore Institute of Technology, Vellore, India, in association with Universiti Teknikal Malaysia Melaka (UTeM), Malaysia.
- Certificate: [View certificate](#)

ADDITIONAL INFORMATION

- **Clubs & Activities:** Member of the Biosphere Club, participated in beach cleaning activities.
- **Interests:** Enjoy playing video games, passionate about mathematics.
- **Tools:** Proficient in using Vim for development.