

## ABOUT ME

I am a Software developer I have skills in react Js and python, My strength is explore the internet and create a real time projects and develop my skills and knowledge.

Work Sample Portfolio link <https://vasanthselva-portfolio.vercel.app/>

Linkedin: <https://www.linkedin.com/in/vasanth-selvakumar/>

## CAREER OBJECTIVE

- As a computer science engineer, my goal are work with IT company and learn new technology in front end & backend and grow my knowledge and wealth.

## EDUCATION

Bachelor of Engineering (B.E), Computer Science & Engineering (2020 - 2024)

Chendhuran College Of Engineering And Technology CGPA: 7.58

## SKILLS AND STRENGTHS

|                      |   |
|----------------------|---|
| Tools                | Html5, Css3, Javascript, Typescript, Python, MySQL, MongoDB     |
| Developer framework  | Flask, React js, React native Node js, Tailwind css, Bootstrap. |
| Development platform | VS Code, Jupyter notebook, GitHub.                              |

## PROJECTS

**I have done more projects here I mentioned some works. For a full conclusion kindly visit my portfolio site .**

**1.Project title:** Gym chart bot web application using NLP (Feb 2024 - May 2024)

**Description:** Developed a chatbot using advanced NLP for personalized workout recommendations, enhancing user engagement and improving workout management.

**Technologies used:** Flask framework , NLTK, TensorFlow, NumPy, and Pickle to develop robust machine learning models and deploy them, with Jupyter Notebook. HTML/CSS for the frontend, JavaScript for interactivity, MySQL for database management, and JSON for data interchange.

**Outcomes :** User understandable UI and satisfy the user questions.

**2.Project title:** Sign Language Recognition using Python (May, 2023 - July, 2023)

**Description:** Developed a sign language recognition system for a hearing impaired peoples to communicate. we developed some signs and its meanings users can easy to communicate. those who can't understand there communication.

**Technologies used:** Utilized OpenCV, Matplotlib, and Mediapipe to enhance visual data processing and analysis, significantly improving the accuracy and efficiency of computer vision tasks. Requires web camera for real-time sign language recognition

**Outcomes:** Successfully detect the signs language and convey the sign meaning 90%

**INTERNSHIP:** TVS Lucas, Chennai (Mar, 2024 – May, 2024)

At Lucas TVS Completed in-plant training (3 months), gaining hands-on experience in manufacturing and quality control processes. Spearheaded the integration of a robust quality management system within the spare parts export process.

**INDUSTRIAL VISITS** - Certificate for "React" domain from DLK career development participated and focused on React development, gaining practical insights into modern web development practices and technologies acquired valuable knowledge.

## AREA OF INTEREST

Technical Interest: learn and implement new technologies in a real time projects.

Personal Interest: Develop a chat application with best UI, adds free, more secure and only for communication and entertainment purpose . As a single developer.