

SANTHOSH PRABHU A

Email:santhoshprabhu591@gmail.com

[Portfolio](#)| [LinkedIn](#)| [GitHub](#)

Mobile:+91 7845788082

EDUCATION

Bachelor of Technology in Information Technology
Velalar College Of Engineering And Technology
CGPA: 7.03 (Up to 7th Semester)

Nov 2022 - Present
Thindal,erode

Higher Secondary Certificate (HSC)
Jaisaradha Matriculation Higher Secondary School
Percentage: 78%

Apr 2021 - Mar 2022
Tiruppur,TamilNadu

Secondary School Leaving Certificate (SSLC)
Jaisaradha Matriculation Higher Secondary School
Percentage: 61.5%

Jan 2019 – Apr 2020
Tiruppur,TamilNadu

SKILLS SUMMARY

- **Programming Languages:** Java, C, JavaScript
- **MERN Stack:** MongoDB, Express.js, React.js, Node.js
- **Frameworks:** React.js, Express.js, Tailwind CSS
- **Tools:** Visual Studio Code, Git & GitHub, Postman, Power BI
- **Soft Skills:** Problem Solving, Team Collaboration, Quick Learner, Adaptability, Critical Thinking
- **Area of Interest :** Web Development
- **Languages Known :**Tamil, English, Telugu

INTERNSHIPS

Ruddo Company – Internship in Full-Stack Web Development

Bangalore,Karnataka

Completed a 2-month full stack development internship at Ruddo Company, gaining practical experience with the MERN stack. Built dynamic web applications and completed a mini-project —Improved skills in both front-end and back-end development, API integration, and real-time debugging.

Cube AI Solutions Tech Pvt Ltd - Web Development

Erode,TamilNadu

Gained hands-on experience in web development by contributing to the front-end of web applications. Assisted in writing clean and efficient code using HTML, CSS, and JavaScript. Worked closely with team members to troubleshoot and fix bugs, improving overall application performance.

PROJECTS

TITLE: E-COMMERCE WEB APPLICATION USING MERN STACK

Developed a full-stack e-commerce application using the MERN stack with user authentication,product management, cart functionality, and secure payment integration. Implemented REST APIs, role-based access control, and responsiveUI for seamless user experience.

TITLE: GESTURE INTERPRETAION FROM ACTION TO VOICE

Built an AI-driven system that translates hand gestures into speech for individuals with speech or hearing impairments.Used CNN and LSTM models to recognize gestures from video input with high accuracy. Mapped gestures to text using NLP and generated speech via Tacotron 2.Achieved 92% accuracy in real-time , enabling smooth and accessible communication.

TITLE: DRIVER DROWSINESS DETECTION SYSTEM USING PYTHON

Developed a driver drowsiness detection system using Python, employing computer vision and machine learning to monitor driver alertness and prevent accidents. Integrated facial landmark detection and real-time fatigue monitoring for accurate and timely alerts.

CERTIFICATES

CONFERENCE

Zoom Gesture Interpretation : From Action To Voice was presented at the International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2025), held at M.P. Nachimuthu M. Jaganathan Engineering College,Erode.

Flutter App Development – Workshop

Attended a workshop on “Flutter App Development” at Kongu Engineering College,Which Gain Hands-on Experiance In The App Development And Learn About The Flutter Erode on August 9, 2024