Shruthi S

Gmail | Portfolio | Linkedin | Github

EDUCATION

Vellore Institute of Technology   **Chennai, India**
Bachelor of Technology in Computer Science and Engineering
● Cumulative GPA: 8.48/10

COURSE EXPERIENCE

Web Development Bootcamp   **Udemy**
The App Brewery   April 2022
● Completed the 'The Complete 2022 Web-Development Bootcamp' course covering topics related Full Stack Web Development including basics and advanced HTML, CSS, JavaScript, Bootstrap and ReactJS for frontend and NodeJS, MongoDB for backend and RESTful API.

PROJECT EXPERIENCE

Recruitr – Online Job Application Portal for Visually Challenged

For the course 'Database Management and Systems'   *August 2021 - January 2022*
● Worked along with a team of 3 members to develop a web-based application for hiring candidates required by companies of all domains.
● The portal also includes a text-to-speech feature to improve inclusivity of the visually impaired candidates.
● Speech Synthesis react hooks enable a voice bot to interact with the candidates. Speech recognition is used for filling out application forms, voice-based navigation, search and filter.

High Speed Traffic Enforcement Camera   **Chennai, India**
For the course 'Microprocessors and Interfacing'   *February 2022 - April 2022*
● Developed a comprehensive system of sensors that detect vehicles going above the speed limit, and send alert to the high speed camera; the speed detection and alert system works independently without the need of a camera attached.
● Examined the possibility of using High Definition IP Cameras as replacements for high speed cameras reducing the cost of such systems by 7 times.
● Designed an algorithm to process low definition images created by CCTV cameras and extract license plate and facial information.

LEADERSHIP EXPERIENCE

House Captain   *2018-2019*
● Headed the blue house in class XI, conducted various sports and inter-house events. Worked with the other council members for conducting school annual day, sports day, teachers' day.

ACHIEVEMENTS AND OTHER EXPERIENCE

Amrita Vidyalayam Senior Secondary School   **Chennai, India**
Times of India, Student Edition   2017 - 2020
● Active contributor in the TOI - Student Edition newspaper and website. Contributed various articles and poetry in the website as well as the daily newspaper and also received an achiever's award in the year 2019.
YES Program – IIT Madras   *February, 2018*
● Worked with a team of 3 on a project to reuse rubber waste generated and construct floor tiles out of them and won the first prize and a cash award of ₹25,000 for the 'Young Environmental Scientist Program' conducted by IIT Madras.

SKILLS & INTERESTS

Skills: Full Stack Web Development (Front-end frameworks: HTML, CSS, JavaScript, Bootstrap, React; Back-end frameworks: MongoDB, Node.js), UI-Design (Figma).

Languages: English, Tamil, Hindi, French (basics)

Programming Languages: C, C++, Python, Java.

Hobbies: Writing, Poetry, Music