

PRAVEEN KUMAR V

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SUMMARY

Undergraduate student with a career focus in software and web development currently looking for internship opportunities

PROJECTS

Advanced Driver Assistance System (ADAS) for collision avoidance

- Co-designed a robust prototype to detect driver fatigue using image processing, cloud services and other software tools
- Implemented the prototype design using Raspberry Pi 3 board, openCV, Android studio and IoT (Internet of Things)
- Incorporated alcohol detection and vehicular crash detection mechanism using electronic sensor networks
- Developed an user-friendly android application to monitor the physiological status of the driver

Online Recruitment System

- This System can be used by job seekers to find job opportunities and as well as used by Recruiters to find Good candidates
- Front-end: HTML,CSS,Javascript
- Back-end: Flask,SQLite

Hospital Management System for medical records

- Developed an interactive medical database for hospital personnel for accessing and storing medical records of patients
- Employed C programming tools like user-defined functions, file and error handling, selective conditionals and pointers
- Optimized code-length using goto functions, array of structures and nested structures

Chat Application using React js and Chat Engine

- Developed a Chat application with using React js as frontend and Chat Engine API as the backend
- Incorporated features like creating new group and notifications
- Hosted the website using Netlify

Music app and Tic Tac Toe game Android appication

- Developed an user-friendly Android application for music (.mp3) song player using Android studio
- Developed an interactive multiplayer tic tac toe game using Android studio

EDUCATION

B.E, Computer Science Engineering

Jul 2018 - May 2022

SSN College of Engineering, Chennai

GPA: 8.42

12th grade, Physics, Chemistry, Maths, Computer Science

Jun 2017 - Apr 2018

AKKV Aaranadu Matriculation Higher Secondary School, Trichy

Percentage: 94.9

EXPERIENCE

Web development intern, ThinkBiG Software Solutions

Jan 2021 - Apr 2021

- Designed and developed user-friendly website, including optimised check-out page.
- Fixed bugs from existing webpages and implemented enhancements that significantly improved web functionality and speed.
- Designed Webpage UI using Figma software.

SKILLS

Software Development: C, Python, Java, UiPath

Web Development: HTML, CSS, Javascript, MVC, Tomcat, Flask, Flask-restplus

Database management: SQL, Python,SQLite,MySQL

Hardware interfacing: Arduino C, Python

Documentation: MS Word, MS Excel, MS Powerpoint

AI and Machine learning: Prolog, Python

ACHIEVEMENTS

- Secured runner-up position in **Embedded systems workshop** organized by CSE department, SSN College of Engineering
- Awarded with best **YRC** volunteer in creating awareness of plastic usage in villages around chennai

CERTIFICATIONS

- **IBM** Data science specialization in *Coursera* Data science specialization in Coursera
- Web development offered by **University of Michigan** in *Coursera*
- Introduction to Machine Learning offered by **GUVI**
- Software testing certification by **NPTEL**