HARISH K

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SUMMARY

I'm an enthusiastic IT student with a strong problem-solving mindset, always eager to take on challenges using Python and C++. I have hands-on experience in web development, embedded systems, and IoT, and I enjoy creating innovative solutions while constantly learning new things. Curiosity drives me, and I thrive in environments where I can grow, experiment, and turn ideas into reality.

EDUCATION

Bachelor of Technology in INFORMATION TECHNOLOGY	Graduating June 2025
Park College Of Engineering and Technology, Coimbatore.	8.0 CGPA
Higher Secondary Education	Graduated May 2021
Government Model Higher Secondary School, Coimbatore	STATE BOARD:85%
Secondary Education	Graduated May 2019
Padma Saranga Pani Matric Higher Secondary School, Chennai.	STATE BOARD:76%

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C++, Embedded C
Web Development: NextJS, ReactJS, ExpressJs, TailwindCSS
Databases: MySQL, PostgresSql
Tools and Technologies: Visual Studio Code, Figma, Dev C++, Arduino, Jupyter Note Book, IDLE Python, Git/Github, Adobe Photoshop.
Operating Systems: Windows, Linux.

PROFESSIONAL EXPERIENCE

Internet Of Things Intern in Triox Technology   Dec 2024 – Jan 2025

- Got an opportunity to work with Raspberry Pi projects where I got experienced by invloving in company projects like Drowsiness detection, Graphical user interface for customizing data which is receive f rom hardwares and developed voice assistant.

Product Developer in Steam Troops Innovation Private Limited   Sep 2023 – Oct 2023

- Gained Hands-on Experience with DIY kits and STEM kits for electronics.
- Worked with real-time products using Arduino and ESP-32, including programming and hardware integration.

ACADEMIC PROJECTS

Project: UNAVAR

Developed a responsive and user-friendly website for Unavar, ensuring seamless navigation and accessibility across devices. Collaborated with a team to enhance functionality, optimize performance, and align the platform with industry standards. Focused on creating an intuitive design to improve user experience and engagement.

Project: DROWSINESS DETECTION

Built an embedded system using Raspberry pi and python which detects the driver's eye with the help of pi camera and analyzes with python libraries like numpy,dlib,face_recognition and opencv.The opencv helps us to create a frame which displays the live detection of a person's eye.This will help us to reduce accidents and can alert the person when they fall asleep.

INTERESTS AND ACHIEVEMENTS

- PROGRAMMING, DESIGNING AND LISTENING TO MUSIC
- Cleared the **TCS National Qualifier Test (NQT) with 53.62%.** in **https://tcsnqtresult.tiiny.site/**