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/**