



ASHWANTHRAM

B-Tech in Computer Communication Engineering.

Contact

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Education

B-Tech :- Amrita Vishwa Vidyapeetham University. Coimbatore, India.

12th :- Kolaperumal Chetty Vaishnav Senior Secondary School. Chennai, India.

INTERNSHIP EXPERIENCES

DLK TECHNOLOGIES PVT LTD

Chennai, India

adept in IoT development, troubleshooting, and integration; contributed to team projects, honing problem-solving, attention to detail, and teamwork skills, with a focus on practical applications.

STUDENT PROJECTS

PERSONAL RESUME WEBSITE

Designed and developed a visually engaging personal resume website with HTML, CSS, and JavaScript, featuring interactive elements for showcasing skills, education, and student projects.

WINEQUALITY PREDICTION – MACHINE LEARNING

Implemented wine quality prediction using regression algorithms, showcasing strong machine learning, data analysis, and problem-solving skills.

SMART GLASSES FOR VISUALLY CHALLENGED PERSON - IoT

Designed Raspberry Pi-powered smart glasses for visually challenged users, integrating facial recognition, obstacle detection, and voice commands for enhanced independence and safety.

AUDIO SPECTRUM ANALYZER – SIGNAL PROCESSING

Created audio spectrum analyzer in Python, employing signal processing techniques and data visualization libraries, showcasing research, programming proficiency, and audio engineering skills.

SKILLS

Languages: Front End - HTML, CSS, Javascript • C Language • Python Language • Embedded C Language • MATLAB

DBMS: MySQL

OS: Ubuntu • Raspbian (Linux) • ARM (x32/x64)

Hardware: LPC2148 • MSP432 • Arduino UNO • Raspberry Pi

Officeware: MS Excel • MS Word • MS PowerPoint

IDE/Tools: VS Code • PyCharm • Android Studio • KEIL 4

• Proteus 8 • Tectos Netsim • WireShark • Figma • Canva

DevOps: Git • GitHub