

Rushdha V

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EDUCATION

- Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
- 2023-2027
- Govt Rajahs Higher Secondary School
Year of Passing -2023
- A K M H S S Kottoor
Year of Passing - 2021

SKILLS

- **Soft Skills:** Communication, Leadership, Teamwork, ability to multitask, critical thinking
- **Programing Skills:** Python, C program , Database Management.(beginner)
- **Social Media Managing and Content Writing**
- **Languages Known:** English,Tamil, Hindi, Malayalam,German

WORK EXPERIENCE

Worked as a Social Media Manager & Content Writing Intern at StudAI Edutech Pvt. Ltd. For three months, where I developed and managed social media strategies to enhance brand engagement. Created educational content, blogs, and marketing materials tailored to AI and EdTech audiences while analyzing performance metrics to optimize reach. Focused on improving digital presence through content curation, audience interaction, and strategic planning.

PROJECT EXPERIENCE

Project: LoRa Integrated Women's Safety Watch for Automated threat detection and alert.

- **Technologies:** LoRa, GPS, tamper-proof systems.
- **Role:** Developer
- **Description:** A smart safety watch using LoRa technology for long-range communication, GPS for real-time tracking, and tamper-proof mechanisms to send alerts in emergencies.

Project: NarcScan - Drug Abuse Tracer

- **Technologies:** Blockchain, Cybersecurity, IoT, Full Stack Development
- **Role:** Developer
- **Description:** Engineered a comprehensive tracking system, "NarcScan" to monitor and trace the use of dual-purpose chemicals in drug production. Leveraged Blockchain for secure, immutable record-keeping, implemented IoT for real-time monitoring, and ensured robust security protocols to protect sensitive data. Developed both the front-end and back-end, delivering a full-stack solution that enhances transparency and accountability in chemical tracking.

Project: Precision Water Management for Terrace Crops: A Smart AWG Model.

- **Technologies :**AWG, soil moisture sensors, greenhouse.
- **Role:** Developer
- **Description :** A rooftop farming water management system using Atmospheric Water Generation (AWG), soil moisture sensors, and a greenhouse to ensure precise irrigation.

Project: Cost-Effective Satellite Communication System for Remote Areas

- **Technologies : 5G, satellite communication.**
- **Role: Researcher**
- **Description :** An affordable satellite communication system using 5G-enabled satellites to provide high-speed internet to remote regions.

ACHIEVEMENTS

- **Represented India in the World Quizzing Championship 2023 organized by International Quizzing Association (IQA) at Malappuram on 03 June 2023.**

I got a great opportunity to represent India in Worl Quizzing Championship by IQA.

- **One day prototyping contest**

Our team of three clinched 2nd place in the one day prototyping contest ,showcasing our innovative concepts and teamwork that set us apart from the competition.

HOBBIES

- Learning new skills
- Arts