Raghul Yadhav K

+918015023475 | raghulkrishna03052003@gmail.com | [LinkedIn](#) | [Github](#)

EDUCATION

Sri Sivasubramaniya Nadar College of Engineering — Kalavakkam, Tamil Nadu
Bachelor of Engineering in Computer Science, CGPA 8.139 — *Nov 2021 – June 2025*

Indian Institute of Technology Madras — Chennai
Bachelor of Science in Data Science, CGPA 7.63 — *Nov 2022 – June 2025*

AISSCE, Class XII — Thiruvottiyur, Chennai
Sri Ram Dayal Khemka Vivekananda Vidyalaya Junior College , 95.6% — *2021*

AISSE, Class X — Thiruvottiyur, Chennai
Sri Ram Dayal Khemka Vivekananda Vidyalaya Junior College, 93.4% — *2019*

COURSES

Introduction To Industry 4.0 And Industrial Internet Of Things – NPTEL
Cyber Security and Privacy – NPTEL
Java Programming Masterclass updated to Java 17 – Udemy
C Programming For Beginners - Master the C Language – Udemy

SKILLS

Languages: Java, Python, C, SQL, JavaScript, MERN
Frameworks: Flask
Developer Tools: Firebase Cloud, Android Studio, Unity, Blender, Unreal Engine, After Effects, MongoDB
Libraries: Pandas, NumPy, Matplotlib, Scikit Learn, Sqlite3, Pygame, PyAudio, Tkinter
Linguistic Skills: English (Full Professional Proficiency), Tamil (Native or Bilingual Proficiency)

PROJECTS

XR based Shopping Kiosk using Planogram — May 2023 – Dec 2023
Extended Reality(combination of AR, VR, MR), Data Analytics, Blender, Unity — *SSNCE, Tamil Nadu*

- The XR-Based Shopping Kiosk using Planogram is an exciting project that combines extended reality (XR) technology with planogram visualization to revolutionize the shopping experience
- By wearing VR headsets customers will be able to view a virtual representation of a retail store.
- The kiosk will leverage planogram data, which is a visual representation of how products should be displayed on store shelves, to recreate a virtual store environment
- The planogram data will be generated using previous sales data analytic of the store

Smart Grocery and Vegetable Ordering System — Sept 2022 – Present
IOT, Firebase, Android Studio — *SSNCE, Tamil Nadu*

- The Smart Grocery and Vegetable Ordering System is an innovative project that aims to streamline and enhance the process of purchasing groceries and vegetables for consumers automatically by tracking the weight of the preexisting products they have
- Also we will be creating a dispensing system to dispense groceries based on voice command
- Consumer can view the availability of Grocery and vegetables available in their refrigerator without opening them using a mobile application
- Consumers will be notified whenever the weight of their vegetables goes down a threshold level in the application and will be given with various deals posted by different E-Commerce websites so that they can buy them

NourishNow — Apr 2023
HTML, CSS, Django Framework, Firebase Cloud — *ACM Hackathon, SSNCE, Tamil Nadu*

- Developed a Website called NourishNow to emphasize the Sustainable Development Goal – "End Hunger" for the SSN-ACM 10th Anniversary Hackathon
- This website is created in order to minimize the wastage of food and give it to the person in need
- Donors post the food details and its location. Acceptors can use the website to see the posts that are near their location and get it via volunteers
- Future scope of this project is to integrate this with a Kiosk so that even the illiterate and remote village people can access this

ACHIEVEMENTS

Hack in Hub - 1st Runner up, Sri Sairam Engineering College
KCT Livestock Hackathon - 2nd Runner up, Kumaraguru College of Technology

EXTRA-CURRICULAR ACTIVITIES

Core Committee Member, Build Club(initiated by IITM), SSNCE – Nov 2023
Student Volunteer, SSN NSS Club – Nov 2021 – 2025