Karan Singh Asoliya

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EDUCATION

B.Tech in Computer Science Engineering   2020 – present
Geetanjali Institute of Technical Studies 🔗   Udaipur, India
9.3 CGPA [4 semester]

XII (RBSE)   2017 – 2018
The Creative Brain Academy   Rajsamand

PROJECTS

Smart Asset Monitoring System 🔗
- **80%** cost of CSR reduction achieved through innovative engineering
- Reduced the net expenditure on CSR from **700Cr to 14Cr** of **Coal India Limited**
- A **100%** automated solution with no human intervention.
- Live tracking, Geo-tagging, and Maintenance of physical assets with real-time location

Solar Based Smart Pet Feeder
- Built automatic pet feeder for pandemic-time, busy owners, enhancing pet health.
- **30%** decrease in pet health issues with regular feeding.
- Praised by **95%** of users for addressing the challenges of leaving pets at home.
- This machine provides food, water, and nutrients to pets, stray animals, and fish.
- A **100%** automatic system with no human intervention.

Movie Webapp
- Developed a user-friendly movie review app, and integrated real-time API data.
- Achieved high user retention and positive feedback for seamless UI/UX.
- Tech stack: HTML, CSS, JavaScript

Simon Game
- Simon is an electronic memory game.
- The device creates a series of tones and lights and requires a user to repeat the sequence. If the user succeeds, the series becomes progressively longer and more complex.
- Once the user fails or the time limit runs out, the game is over.

SKILLS

- JavaScript
- C / C++
- Data Structures
- HTML / CSS
- My SQL
- Bootstrap
- OOPS

ACHIEVEMENTS

Smart India Hackathon   2022
Ministry of Human Resource Development (MHRD)
Winner [AIR 1st]
Smart Asset Monitoring System

SPECTRUM   2021
Chandigarh University
Solar-Based Smart Pet Feeder

Hack-A-Vishakar IoT Challenge   2020
Geetanjali Institute of Technical Studies
Winner
Solar-Based Smart Pet Feeder

EXTRACURRICULARS

Community Manager   2022 – 2023
Google Developer Student's Club

Organized a Hackathon   2022
Hack-A-Vishakar   Udaipur

IoT Seminar Facilitator and Trainer   2022
Geetanjali Institute of Technical Studies   Udaipur