

PAVANKUMAR KASA

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Aspiring to leverage my strong analytical thinking and dedicated work ethic in a dynamic role within a leading company. Eager to contribute to organizational growth and goals while achieving my own professional milestones.

PROJECTS

PERSONAL PORTFOLIO

- Designed and developed a comprehensive personal portfolio website to showcase my skills, projects, and professional background.
- Technologies Used - EJS , Node.js , Express.js , JavaScript
- Portfolio Link - <https://pavanportfolio.onrender.com/>

TRAVELIA WEBSITE

- Conceptualized, designed, and implemented a dynamic tourist website to provide comprehensive information on various tourist destinations. Leveraged frontend technologies to deliver an engaging user experience.
- Technologies Used – HTML , CSS , JavaScript
- Portfolio Link - [Travel World \(kasapavankumar.github.io\)](#)

GAS LEAKAGE DETECTION AND AUTOMATIC POWER CONTROL

- Designed and implemented a comprehensive gas leakage detection and prevention system aimed at enhancing safety and preventing potential damages caused by LPG gas leaks.
- Integrated MQ2 gas sensor to accurately detect gas concentrations, providing real-time monitoring. Implemented alert system utilizing a buzzer to generate audible warnings and a SIM900A GSM module to send SMS alerts for immediate notification. Engineered an automatic door opening mechanism using a solenoid lock, motor drive, and gear wheel to ensure rapid evacuation in the event of a gas leak. Integrated safety measures, including the tripping of the power supply using an MCB to minimize the risk of explosion or fire.

EDUCATION

BTECH(EEE)	2019-2023	Sagi Ramakrishnam Raju Engineering College, Bhimavaram	6.97
INTERMEDIATE	2017-2019	Sri Chaitanya Junior College, Palakol	9.65
SSC	2017	Ravindra Bharathi School, Palakol	8.7

SKILLS

- HTML
- CSS
- JavaScript
- Bootstrap
- Node js
- Express js
- Python
- PostgreSQL

ACTIVITIES

- Playing Games
- Watching Movies
- Maintaining Fitness