KRISHNANUNNI GIREESAN

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DECLARATION

I am a hardworking and self-motivated individual with strong problem-solving skills and a passion for continuous learning. I aim to utilize my knowledge and skills to achieve professional growth while contributing to the success of the organization.

EDUCATION

BTECH, UNIVERSITY COLLEGE OF ENGINEERING KARIAVATTOM   12/2022 – 06/2025
Computer science and Engineering

DIPLOMA IN COMPUTER ENGINEERING,   09/2020 – 03/2022
GOVERNMENT POLYTECHNIC COLLEGE NEYYATTINKARA

PROJECTS

ONLINE FUEL STATION SOFTWARE
Built *MobiFuel*, an online fuel ordering system that allows users to request fuel delivery when stranded on the road. The system captures user location, sends data to the admin in real time, and dispatches a response vehicle for refueling. Designed to improve roadside safety and provide timely fuel assistance.

AUTOMATIC ENTRY AND EXIT AT HOSPITAL WARDS USING QR CODE VALIDATION
Developed *ENTRYEASE*, a QR-based hospital visitor management system that enables digital registration, QR code generation, and real-time entry/exit tracking. The system includes an admin panel for efficient monitoring, improving security and reducing manual processes.

AUTOMATIC ENERGY METER READING AND BILL GENERATION
Developed an automatic energy meter reading and billing system using an ESP32-CAM module to capture meter images. The images are processed using OCR to extract readings, calculate bills, and store data in a database. The system supports real-time monitoring, scheduled captures, and SMS notifications for bill alerts.
Tools**:** ESP32-CAM, FastAPI, Python, Tesseract OCR, PostgreSQL, React.js

SKILLS

HTML — Expert	**CSS** — Expert
PYTHON — Amateur	**FULL STACK DEVELOPER** — Beginner
MERN STACK — Beginner	**COMMUNICATION** — Proficient
LEADERSHIP — Proficient	**TIME MANAGEMENT** — Competent

LANGUAGES

MALAYALAM	●●●●●	ENGLISH	●●●●○
HINDI	●●○○○		

AREA OF INTREST

- Web development
- Volunteering
- Software testing
- Programming