NARENKATHIK KESVAMOORTHY
Aspiring Software Engineer

✆   +91 81109-48046   ✉ narenkarthik21122005tnj@gmail.com
🔗 https://www.linkedin.com/in/narenkarthik-kesavamoorthy-8391a0283
📍 Chennai, Tamil Nadu

Summary

Knowledge-driven Engineering student, seeking a gateway to real world knowledge and experience. Looking for an internship opportunity that can provide me a learning opportunity.

Strengths

- Highly motivated individual
- Communication Skills

Education

Shiv Nadar University | II Year| 2023 | B.Tech CSE IoT

Courses: Programming in C
Digital Design and Microprocessor
Probability and Statistics
Computer Organization and Architecture
Introduction to Internet of Things
Computer Organization and Architecture
Programming in Python

CGPA:8.47

Internship:
AI/Automation Intern – *Yakkay Technologies*
May 15, 2025 – June 15, 2025
Developed an early-stage HR automation system using Python and a pretrained AI model
Handled preliminary datasets to design and test automation workflows

Mini Projects

License plate detection using Pytesseract and openCV-to detect and display the license using the help of computer vision

The aim is to design, an effective number plate identification system using Python, OpenCV, and Pytesseract. The project involved processing images to enhance visibility, applying OCR to extract license plate text, and creating a real-time application to display recognized plates.

Glacier Monitoring and GLOF Detection Using IoT and Google Earth Engine

This project aims to monitor weekly glacier size changes and detect potential **Glacial Lake Outburst Floods (GLOFs)**. It utilizes **Google Earth Engine** to process satellite imagery for glacier extent analysis. Additionally, **water level sensors** and **movement sensors** are integrated to track changes in lake levels and detect movements, providing early warnings for GLOF events. The system enables real-time monitoring and visualization using cloud computing.

Skill Set

Languages: C, Data Stature, Embedded C, Python
Version control: GIT
Microcontroller: Arduino UNO
Tools: Visual Studio, Github
Operating System: Linux- Ubuntu, Windows.