Karthick Ganesh S B

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github.com/KarthickBalamurugan

Objective

A Fervent Developer , building seamless user experiences, I'm looking for a challenging opportunity that combines Real-Time Web Applications with creative problem-solving. In a rapidly evolving tech landscape and growing customer demands, I'm eager to stay ahead of the curve, innovate with emerging technologies, and consistently meet and exceed customer Expectations..

Education

R.M.K. Engineering College, BE in Electronics and Communication — October 2022 - Present
- CGPA: 8.48

Rathinagiri Bageerathan Matric Higher Secondary School, HSC — May 2022
- 85%

Rathinagiri Bageerathan Matric Higher Secondary School, SSLC — May 2020
- 91%

Experience

Iot and Automation Intern, VilvaTech , Thanjavur. — June 2024 – July 2024
- Installed and configured cameras and fingerprint authentication in industries.
- Gained hands-on experience on deploying solar panel and synchronizing with the power grid.
- Integrated several IoT devices together to deploy an home automation system.

Projects

Coal wagon load detection using OpenCV
- Tools : Python, OpenCV.

Plant disease detection using Deep learning
- Tools used: Python, TensorFlow, Keras, Matplotlib, NumPy.

Technical Skill

Programming Languages: Java, Python, SQL, JavaScript.

Web Development: HTML 5, CSS 3, ReactJS, Next.js, Node.js, Flask, Tailwind CSS.

Data Science and Machine Learning: Pandas, NumPy, TensorFlow, Keras, Matplotlib.

Tools: Canva, Figma, VS Code.

Achievements

Project Presentation - IETE — Feb 2023
- Best project award in the year 2024.

National level symposium - SVCE
- Secured 1st place in paper presentation event.

CityScapes 2050 - Invente'24
- Secured 2nd in national level symposium at SSN college of Engineering.

Extra Curricular

- **Languages:** Tamil (Native) , English , Telugu , Hindi.
- **Hosted an event in symposium at R.M.K Engineering College**

Certifications

- **NPTEL :** The joy of computing using python , Introduction to Industrial IoT 4.0
- **Infosys Springboard:** Python Foundations , Java Foundation