Livin John

livinjohn8@gmail.com

+91 8925399332

Coimbatore, Tamil Nadu, 641006

GitHub.com/Livin

linkedin.com/Livin

portfolio.com/Livin

TECHNICAL SKILLS

Front End:
- HTML
- CSS
- JavaScript
- Bootstrap

Back End:
- Python
- Django
- Node.js

Python Libraries:
- NumPy
- Pandas
- Pygame

Database:
- MySQL
- PostgreSQL

Tools:
- Visual Studio Code (VS Code)
- Git
- Figma
- WordPress

PUBLICATION

Published *IoT Based Design And Development Of Solar Assisted Pesticide Sprinkler* in the International Journal of Engineering Technology and Management Sciences (IJETMS) Issue: 3 Volume No. 7 May - June 2023 ijetms.in

PROFILE

Graduate B.E Mechanical Engineer and certified Python Full Stack Developer. Expertise in developing and deploying web applications with strong backend and modern front-end technologies. Strong analytical skills and a proven ability to integrate innovative solutions in high-impact projects.

Education

SNS College of Technology 2020 – 2023
B.E Mechanical Engineering
CGPA:8.65/10

Christ The King Polytechnic College 2016 – 2019
Diploma in Mechanical Engineering
Percentage:58

M.J Vincent Matriculation School 2014 – 2015
SSLC
Percentage:71

Projects

COURSE PROJECTS

Student Management System Nov 2023 – Feb 2024

Developed a comprehensive Student Management System to streamline administrative tasks in educational institutions. This software application integrates a Python-based front-end with a MySQL database managed via Wamp Server for robust and efficient data handling.

Technologies Used: Python, WampServer, SQL

E-commerce Project Nov 2023 – Feb 2024

Developed a full-featured e-commerce web application using HTML, CSS, JavaScript, and Bootstrap for a responsive and engaging front end, with Python managing back-end operations and PostgreSQL serving as the database management system.

Technologies Used: HTML, CSS, Bootstrap, JavaScript, Python PostgreSQL.

UNIVERSITY PROJECTS

IoT Based Design and Development of Solar Assisted Pesticide Sprinkler

The "Solar Assisted Pesticide Sprinkler" integrates IoT for remote monitoring and control, utilizing sensors to gather data on temperature, humidity, and soil moisture. Solar panels power the system, reducing reliance on the grid, enhancing sustainability, and cutting operational costs.

Design and Fabrication of Automated Hydroponic Nutrition Film System

An Automated Hydroponic Nutrition Film System (NFT) delivers a continuous nutrient solution over plant roots in shallow channels. It includes a reservoir, pump, tubing, and channels for root access. Sensors monitor pH, nutrient levels, and temperature, while timers and micro controllers regulate pump operation for optimal plant growth.

Design and Fabrication of Vertical Milling Attachment in Lathe

The vertical milling attachment for a lathe is typically designed as an add-on component to enhance the versatility of the lathe machine. It consists a sturdy vertical column that attaches to the lathe bed, providing a stable support structure for the milling of operations.

CERTIFICATIONS

Python Full Stack Development - Certification course provided by QTree Technology.
Operation Management - Certification course provided by NPTEL.
ICARD 2023 - Certification for Paper Presentation.
IJETMS - Certification for Paper Publication