SARAN P

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https://github.com/SaranKavin
https://www.linkedin.com/in/saran-p-092311287/
saran-dev.web.app

SUMMARY

Detail-oriented IT graduate with hands-on experience in web development, IoT-based Arduino projects , and IoT-based Arduino projects. Skilled in HTML, CSS, JavaScript, PHP, MySQL, and Java. Passionate about building userfriendly applications and seeking an entry-level role in Web Development or Software Development to apply technical expertise and grow professionally.

TECHNICAL SKILLS

Frontend: HTML, CSS, Bootstrap, JavaScript, jQuery
Backend: PHP, Java
Database: MySQL
Tools: Git, GitHub, VS Code, Arduino IDE
Hardware/IoT: Arduino, Sensors

SOFT SKILLS

- Time Management
- Problem Solving
- Team Collaboration
- Planning & Organizing
- Adaptability

PROJECT

Diabetic Retinopathy Detection (Machine Learning)

Tech: Python, Pandas, Scikit-learn, Jupyter Notebook,Flask
Developed a machine learning model to classify diabetic retinopathy using retinal images. Included data preprocessing, feature extraction, model training, and evaluation using accuracy metrics. Helps early diagnosis and assists healthcare professionals in identifying retinal damage patterns.

Nursery Management System

Tech: HTML, CSS, JavaScript, PHP, MySQL
Developed a complete nursery ecommerce platform with inventory management, product listing, cart functionality, and admin dashboard, improving digital accessibility for nursery businesses.

Automatic Soil Irrigation

Tech: Arduino, Moisture Sensor
Built a smart irrigation system that automatically waters plants when soil moisture drops below threshold levels.

EDUCATION

M.Sc Information Technology	**June 2024-2026**
Sri Krishna Arts and Science College	Pursuing
B.Sc Computer Science	**June 2021-2024**
Sri Ramakrishna Mission Vidyalaya Collage Arts and Science	74%
HSC	**May 2019-2021**
Kearitman Matriculation Higher Secondary School	80%
SSLC	**May 2018-2019**
Jaycee Higher Secondary School	74%

ACHIEVEMENTS / CERTIFICATIONS

- Amazon Web Services (AWS) - Coursera
- Amazon Junior Software Developer - Coursera
- Generative AI – Coursera
- Certifications Python & AI – GUVI (IITM Research Park)
- Data Analytics & Visualization – Accenture (Forage)
- Artificial Intelligence Job Simulation – Cognizant (Forage)
- Spoken Tutorial Courses – IIT Bombay (C, C++, Java, RDBMS, HTML)
- Basic Web Designing – Bharathiar University
- C Programming – Bharathidasan University

LANGUAGES

- Tamil
- English

HOBBIES

- Servicing Electronic Appliances
- Gaming in Mobile
- Cooking
- Editing