

SREELAKSHMI PILLAI

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Thrissur, Kerala - India

PROFILE

Postgraduate in Computer Science with a specialization in AI and ML Engineering, passionate about web development and creating innovative solutions. Proficient in HTML, CSS, and Django, with experience in developing responsive websites and interactive applications. Actively engaged in community outreach, demonstrating a strong commitment to social responsibility. Eager to apply technical expertise and enthusiasm to dynamic, innovation-driven projects.






EXPERIENCE

- Luminar Technolab**  Dec 2023 - Aug 2024
Python Django Fullstack Developer Kochi, India
 - Developed and maintained responsive web applications using HTML, CSS, JavaScript, Python, and Django.
 - Designed and implemented RESTful APIs to enable seamless communication between front-end and back-end systems.

EDUCATION

- Amrita Vishwa Vidyapeetham** 2024 - Present
M.Tech - CSE AI and ML Amritapuri, India
 - CGPA: 7.7
- Amrita Vishwa Vidyapeetham** 2020-2024
B.Tech - Electronics and Computer Engineering Amritapuri, India
 - CGPA: 6.40
- National Higher Secondary School** 2019
Computer Science Thrissur, India
 - Percentage: 83
- Ideal India School** 2017
Secondary Education Doha, Qatar
 - CGPA: 9.4



PROJECTS

- 3D Portfolio Website** 
Tools: [HTML5,CSS,JavaScript]
 - An interactive 3D portfolio website designed to showcase professional experience, skills, and projects in a visually engaging format.
 - The website features a 3D flipbook-style animation.
- Website With Login And Register** 
Tools: [HTML5,CSS,JavaScript]
 - Interactive login and registration page designed for a healthcare platform.
 - It provides a smooth user authentication experience with a clean and professional UI.
- Responsive Animated Login Form** 
Tools: [HTML5,CSS]
 - Designed and developed a responsive Glassmorphic UI login page featuring a modern frosted glass effect, animated background, and interactive form elements.
- Food Website** 
Tools: [HTML5,CSS]
 - Food Ordering Website with a visually appealing and user-friendly platform that allows customers to explore menus, view a gallery of dishes, read customer reviews, and place orders seamlessly.
 - Used high-quality images to enhance the presentation of recipes.
- LITHIUM-ION BATTERY LIFE AND HEALTH ESTIMATION USING TinyML** 
[Hardware Implementation]
 - Objective was to develop an efficient TinyML model to estimate battery health and remaining life.
 - This model achieved low loss values (MSE, MAE, MAPE, RMSE), indicating good prediction accuracy.
 - This project contributes to smarter battery management, improving lifespan and efficiency in battery-operated devices.

SKILLS

- **Front - End:** HTML5, CSS, JavaScript
- **Back - End:** Python
- **Database Systems:** MySQL
- **FrameWorks:** BootStrap, Django

VOLUNTEER EXPERIENCE

- **AmritaSREE** 10-12-2022
Mata Amritanandamayi Math 
 - volunteered in distributing groceries to female population near Ashramam Maidan, kollam
- **Robotics Boot Camp** 15-05-2022
IEEE SB Amrita Vishwa Vidyapeetham 
 - Took part in an offline boot camp held by the IEEE student body where a 3 X 3 LED cube and a path-based self-cleaning robot were created using Arduino.

CERTIFICATIONS

- **Project Managment Fundamentals - IBM SkillsBuild** 07/01/2025
- **Web Development Fundamentals - IBM SkillsBuild** 14/01/2025
- **Web Development Course - Udemy** 12/04/2024