

# Priyadharshini E

Linkedin Profile

Github Profile

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## Overview

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Information Technology graduate specializing in full-stack development (MERN stack) and machine learning (Python, TensorFlow). Skilled in building responsive web applications (React, JavaScript). Proficient in database systems (SQL, MongoDB) and cloud platforms (AWS). Strong foundation in data structures, algorithms, and software engineering principles. Experience across the full SDLC with expertise in UI/UX design (Figma) and Agile methodologies.

## Skills Summary

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- **Languages:** Python, C, HTML, JavaScript, SQL, Java
- **Frameworks:** Scikit, NLTK, CSS, TensorFlow, Keras, Flask, NodeJS
- **Tools:** Kubernetes, Docker, PostgreSQL, MySQL, SQLite, VS Code
- **Platforms:** Linux, Web, Windows, Arduino IDE, AWS, Microsoft Edge, Android Studio, NetBeans
- **Soft Skills:** Creative Designing, Writing, Public Speaking, Time Management

## Experience

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- **Frontend Developer – Aazad Academy (Present):** Frontend Developer specializing in building responsive web applications using modern JavaScript, React frameworks. Focused on creating optimized user experiences with cross-browser compatibility and accessibility standards.

## Projects

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- **Diabetic Retinopathy Classification (Deep Learning):** Developed an advanced image classification system using a hybrid deep learning model integrated with optimization algorithms. Automated severity-based classification of diabetic retinopathy to enhance diagnostic accuracy and reliability. Implemented computer vision techniques using Python, TensorFlow/Keras, and optimization algorithms to improve model performance and efficiency. (Nov 2023 – Apr 2024)
- **Instagram Home Page Redesign (Designing):** Redesigned Instagram's home page with a focus on a clean, user-friendly, and visually appealing experience. Implemented a modern and intuitive layout for seamless navigation. Balanced aesthetic appeal with enhanced functionality. (Nov 2024)
- **Rishi Cozy Cabin – (Frontend Development):** Designed and implemented a responsive, user-friendly resort website using HTML, CSS, and JavaScript. Optimized booking functionality, enhanced user engagement, and improved overall performance for seamless user experience. (Mar 2025)

## Certifications

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- JavaScript Guvi - Google education partner
- Robotic process automation Guvi - Google education partner Associated with UI path learning partner
- ChatGPT for everyone Guvi - Google education partner
- UI/UX for beginner Great learning Academy
- Oxford achiever Oxford University
- Spoken tutorial for Java IIT Bombay
- Data Structures and Algorithms using Python - Part 1,2 Provided by Infosys Springboard
- Database Management system part 1,2 Provided by Infosys Springboard
- Introduction to NoSQL databases Provided by Infosys Springboard
- Object oriented programming using Python Provided by Infosys Springboard
- Programming Fundamentals using python - part 1,2 Provided by Infosys Springboard
- Software engineering and Agile software development Provided by Infosys Springboard
- Graphic Designing Provided by Digitech Marketing Solutions Google partner
- Introduction to Data Analytics by Simplilearn Skillup

## Education

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- **Mepco Schlenk Engineering College** **Sivakasi, Tamilnadu.**  
Bachelor of Technology - Information Technology; GPA: 7.2 **Aug 2020 - Apr 2024**  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

## Extra Curricular Activities

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- Photography
- Travelling
- Shuttle Badminton
- Video Editing Skills