

PRADEEPA P

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OBJECTIVE

As an enthusiastic fresher with superior skills in working in both team-based and independent capacities. Bringing strong work ethic and excellent organizational skills to any setting. Excited to bring above average user skills in information technology. I'm willing to listen and learn and excited to contribute in real-world environment to help find practical, actionable solutions for current needs.

EDUCATION

B.Tech in Information Technology, Prince shri venkateshwara padmavathy engineering college with 8.57CGPA
2021-2025

HSC, St.Mary's girls higher secondary school - 89.3 percentage 2020 - 2021

SSLC, Winners Matriculation school - 90 percentage 2018 - 2019

SKILLS

Technical Skills	C, Basics of Java, HTML, CSS, JavaScript, MySQL
Soft Skills	Teamwork, Adaptability, Critical Thinking, Problem Solving, Communication
Tools	GitHub, VScode

EXPERIENCE

Frontend Developer Nov 2023 - Dec 2023
KOLOZEN TECH WORLD PRIVATE LIMITED *Chennai*

- Developed and maintained user-facing webpages using HTML, CSS, JavaScript.
- Designed and implemented interactive user interfaces for websites and applications.
- Designed and implemented user interface features such as buttons, menus, and forms.

Junior Fullstack Developer Sep 2024 - Dec 2024
TATA STRIVE *Chennai*

- Developed a responsive hotel booking platform using HTML, CSS, and JavaScript, enabling real-time room availability checks and user-friendly booking experiences.
- Designed and implemented RESTful APIs using Spring Boot for secure and efficient data management, integrated with SQL for handling customer, booking, and admin data.
- Tested and validated APIs using Postman, ensuring seamless communication between frontend and backend components.

PROJECTS

AUTOMATIC PLANT WATERING POT

- Developed an Automatic Plant Watering Pot using ESP32 microcontroller, soil moisture sensor, and humidity sensor for automated irrigation.
- Designed a 3D-printed pot with a built-in water container and relay-controlled 12V motor, ensuring efficient water distribution.
- Implemented real-time sensor data processing to trigger watering based on predefined moisture and humidity thresholds for optimal plant health.
- Integrated sustainable gardening practices with energy-efficient automation, supporting customizable watering settings for various plant types.

E-COMMERCE WEBSITE ([Try it here](#))

- Designed and developed a responsive E-commerce website for watches using HTML, CSS, and JavaScript, ensuring a visually appealing UI/UX.
- Implemented interactive features such as product galleries, filters, and a dynamic cart system to enhance user experience.
- Optimized website performance with responsive design, smooth animations, and JavaScript-based interactivity for seamless browsing.
- Integrated essential e-commerce functionalities like product listings, pricing details, and a contact form, improving user engagement.

ADVANCE HOTEL BOOKING MANAGEMENT PLATFORM ([Try it here](#))

- Developed an end-to-end hotel booking and management system that streamlines reservations for customers and operational tasks for administrators.
- Implemented key customer features such as real-time room availability checks, secure booking with integrated payment gateways, and user account management.
- Designed robust admin functionalities including room inventory control, detailed booking and revenue reporting, and role-based access management using Spring Boot and MySQL.
- Leveraged modern web technologies—React, HTML, CSS, JavaScript—and RESTful APIs to deliver a scalable, responsive, and user-friendly platform.

CERTIFICATIONS

- Learn HTML - Codecademy
- Learn CSS - Codecademy
- Learn JavaScript - Codecademy
- Learn SQL - Codecademy
- Learn Java - Codecademy
- Introduction to Cloud - IBM
- MS Office fundamentals - Naan Mudhalvan
- Networking essentials - Naan Mudhalvan

PARTICIPATION

- Participated in LEAP(Learn Engineering Activity with Products) project which was conducted by IITMadras.
- Participated in Smart India Hackathon.

KNOWN LANGUAGES

- English
- Tamil