Lavanya

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ABOUT ME

Motivated Computer Science graduate with strong skills in web development and problem-solving. Eager to contribute in a collaborative environment, adapt quickly to new challenges, and continuously enhance both technical expertise and professional growth.

EDUCATION

KCE
B.E CSE - 2024
Coimbatore,Tamil Nadu
CGPA : 8.28

PALANIYAMMAL MGHSS
HSC - 2020
Tirupur,Tamil Nadu
Percentage : 79.33%

PALANIYAMMAL MGHSS
SSLC - 2018
Tirupur,Tamil Nadu
Percentage : 82.4%

TECHNICAL SKILLS

HTML & CSS
Javascript
C & C++
Es6 & Konva JS
React JS
Node JS
Power BI
AWS
SQL
MongoDB

SKILLS

Problem-solving
Time Management
Flexibility

CERTIFICATES

Naan Mudhalvan - Full Stack
IBM - Smart Billing System for Water Suppliers
Infosys Spring Board - HTML5
NPTEL - Compiler Design - 63%
Power Bi Certificate - ICT Academy

INTERNSHIP EXPERIENCE

AMPHISOFT | Front-End Developer
Feb 9 2023 - May 19 2023
- Designed responsive web interfaces using HTML, CSS, and JavaScript.
- Implemented front-end features with a focus on user experience.
- Made web pages look better and easier to use.
- **Tech Stack:** HTML, CSS, JavaScript

AMPHISOFT | KonvaJS Game Developer
Feb 1 2024 - aug 2 2024
- Developed interactive web-based games using Konva.js.
- Focused on creating smooth animations and dynamic game elements.
- Worked on improving the overall game performance across platforms.
- **Tech Stack:** HTML, CSS, JavaScript,ES6,Konva js

PROJECTS

ENSEMBLE OPTIMIZATION FOR FOOD RESOURCE ALLOCATION
Jan 2024 - May 2024
- Developed a Flask app to connect surplus food donors and recipients, reducing waste in urban areas.
- Used the Gale-Shapley algorithm for efficient matching based on preferences, quantity, and expiration.
- Applied GNNs to optimize matches using location data and supply chain relationships.
- Added CNN-based image recognition to ensure food suitability for donation.
- Tech Stacks: HTML,CSS,Graph Neural Network (GNN), Galey-shapley Algorithm, Convolutional Neural Network (CNN), Javascript

FULL-STACK E-COMMERCE APPLICATION
Aug 2024
- Built a scalable full-stack e-commerce web app using React, Node.js, Express.js, and MongoDB.
- Designed APIs for products and orders, integrated with the database for stock and order management.
- Implemented shopping cart features: add/remove items, update quantities, and auto-update product stock.
- Tech Stack: React.js, Node.js, Express.js, MongoDB, JavaScript, HTML, CSS

NOTES APPLICATION
Dec 2024
- Built a responsive notes app using HTML, CSS, and JavaScript with a clean, user-friendly design.
- Implemented adding, editing, and deleting notes with instant UI updates.
- Added smooth animations and improved UX for better desktop and mobile usability.
- Ensured cross-browser compatibility for consistent performance.
- Tech Stack: HTML, CSS, JavaScript