AMRUTHA PUGALENDHIRAN

Tamil Nadu, India

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Education

K S Rangasamy College of Technology, Tamil Nadu.   **October 2022 - June 2026**

Bachelor of Technology in Computer Science and Business Systems   *CGPA-7.00*

Experience

Infosys Springboard Pragati: **Jan 2025 - Apr 2023**

- *Infosys Springboard Pragati: Path to Future- Jan'25 - Apr'25 (Cohort 4) Self-learning module recommendation*

Projects

Recipe Book Application | HTML, CSS, JavaScript, MongoDB, Express, React, Node.js

- Developed a Recipe Book Web Application using the MERN Stack to allow users to search, add, and manage recipes.
- Utilized MongoDB to store recipe data, including ingredients, instructions, and user reviews, ensuring efficient data retrieval and scalability.
- Implemented a RESTful API using Node.js and Express for handling user interactions and managing backend logic.
- Designed the front end with React, and the backend with MongoDB.
- Integrated user authentication for personalized recipe saving and recipe sharing capabilities.
- Enabled search functionality to allow users to filter recipes based on ingredients, dietary preferences, and meal types.
- **Goal:** To provide a user-friendly platform for cooking enthusiasts to discover, share, and manage their favorite recipes**.**

Pharmacy Management System | HTML, CSS, Django, MySQL

- Developed a Pharmacy Management System to manage inventory, sales, and employee data.
- Implemented backend functionality using Django for data handling and MySQL for database management.
- Integrated billing and sales features, allowing employees to generate invoices and track customer purchases.
- Developed employee management functionality to streamline admin processes such as role assignment and task management.
- **Goal:** To optimize pharmacy operations, improve customer service, and enhance daily business efficiency.

Technical Skills

Languages: C, HTML, Java
Tools/Technologies: Figma, GitHub, VS Code, CSS, Node.js
Database: MySQL, MongoDB

CourseWork

Object Oriented Programming, DBMS

Achievements And Awards

- Presented a paper on **"Bio Battery"** at Kongu Engineering College, Perundurai.
- Participated in the **"MSME Women Hackathon 3.0."**
- Received a **"First Class"** certificate in Junior-Level Typewriting Exam.
- NPTEL Cloud Computing Certificate: Successfully completed the **"Cloud Computing"** course with *70%* marks and awarded the **Elite** medal.

Profile Links

- LeetCode
- GeekForGeeks
- Github