Jyoti Karagi

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Education

B.E. in Electronics and Communication Engineering CGPA: 7.8 (2025)
KLS Gogte Institute of Technology, Belagavi

Skills

Frontend:
React.js, JavaScript, HTML5, CSS3

Styling:
Tailwind CSS, Responsive Design

Tools:
Git, GitHub, VS Code

Programming:
C, C++, Data Structure & Algorithms

Other:
Embedded systems, ESP32, Arduino, MATLAB, Simulink

Professional Experience

Intern
KPIT Technologies (NOVA Program)
- Trained in **C, C++, DSA, Embedded Systems**, and industry tools.
- Developed a **Seatbelt Alert System** using Arduino Uno, CAN Bus (MCP2515), and various sensors.
- Gained hands-on skills in sensor interfacing, debugging, and hardware-software integration.

Projects

Multi-Category To-Do List Web App
JavaScript | HTML5 | CSS3 | localStorage
- Built a dynamic and responsive to-do list with category-based tabs: Personal, Office, Birthday, and Travel.
- Implemented form switching based on category, task completion toggles, localStorage-based task saving, and browser reminders.

Currency Converter App
React.js | Tailwind CSS | Custom Hooks | JavaScript | REST API | Git
- Built a responsive React.js app using Tailwind CSS to convert currencies in real-time via a custom useCurrencyInfo hook and external API.
- Added swap logic, form accessibility with useId(), and deployed clean, mobile-friendly UI.

Background Color Changer – React + Tailwind CSS
React.js | Tailwind CSS | useState | JavaScript | Vite
- Designed a visually engaging color changer app using React functional components and useState hook.
- Styled entirely with **Tailwind CSS** using the oklch() color model and a pastel palette.
- Implemented interactive buttons that dynamically change the screen's background in real-time.

Certificates

- Mastering Data Structures & Algorithms using C and C++ – Udemy
- IoT System Design using Embedded Systems – Workshop