Shreenithy RS

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EDUCATION

Vishwa Sishya Vidyodaya School · Pollachi, Tamil Nadu
Class XII · *Year of Passing: 2023*

Sri Krishna College of Engineering and Technology · Coimbatore, Tamil Nadu
Bachelor of Engineering in Computer Science; CGPA: 8.25 · *Graduation Year: 2027*

EXPERIENCE

Personal Portfolio Website · Live: shreeee04.github.io
React, React Router, CSS, Responsive Design
- Designed and developed a responsive personal portfolio website to showcase my projects and skills.
- Implemented routing using React Router for seamless navigation across Home, About, Portfolio, Projects, and Contact pages.
- Built a custom responsive layout using CSS, including a hamburger menu for mobile optimization.
- Ensured cross-device compatibility and accessibility to deliver an optimal user experience.

Interactive Online Yoga Academy · Completed
Spring Boot, REST API, JWT, MongoDB, Tailwind CSS
- Built a full-featured yoga platform offering live sessions, personalized yoga plans, and video tutorials.
- Implemented secure user authentication using JWT and AES encryption for protected data access.
- Designed RESTful APIs with Spring Boot to manage users, session scheduling, plans, and video content.
- Developed a responsive UI with Tailwind CSS, enabling smooth navigation across devices.
- Integrated live streaming tools (e.g., Zoom/YouTube) for real-time instructor-led sessions and reminders.
- Added personalized plan generation based on user goals, with progress tracking and feedback system.

Smart Health & Driving Safety System (SHDSS) · Completed
AI, IoT, Machine Learning
- Real-time driver monitoring – detects fatigue, alcohol levels, and health issues to prevent accidents.
- Automatic vehicle control – slows down or prevents startup based on driver health and intoxication levels.
- AI-powered safety features – uses machine learning for eye tracking and intelligent driver alertness detection.

Smoke & Gas Detection System using MQ-2 Sensor · Completed
Arduino, MQ-2 Sensor, Buzzer, LCD Display
- Built an Arduino-based hardware system that detects flammable gas and smoke using MQ-2 sensor.
- Provided immediate user alerts via buzzer alarm and LCD display when dangerous levels were detected.
- Designed to improve safety in residential and industrial areas through real-time detection.

Hospital Management System · Completed
React.js, Functional Components, CSS, Hooks
- Developed a single-page hospital management system UI using React.js.
- Created modular components for Doctors, Patients, Appointments, and Medical Records.
- Integrated responsive layout and intuitive navigation for healthcare users.

Intern – RR Industries Limited · Chennai, Tamil Nadu
May 2025 – June 2025 · *Networking Internship*
- Supported IT team with network setup, troubleshooting, and LAN/WAN monitoring.
- Assisted in hardware/software installation and basic IT infrastructure tasks.

ACHIEVEMENTS

Tech Savishkaar 2.0 (National Level Hackathon) - 2025 Winner

Electrothon (Echoes of Innovation) - Finalist – Chennai Institute of Technology – 2025

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, C++, Python, Java
Frameworks: React, Vite, Tailwind CSS, Spring Boot, REST API
Developer Tools: MySQL, Git, Docker, AWS, VS Code, Figma