

# Shreenithy RS

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## EDUCATION

### Vishwa Sishya Vidyodaya School

*Class XII*

Pollachi, Tamil Nadu

*Year of Passing: 2023*

### Sri Krishna College of Engineering and Technology

*Bachelor of Engineering in Computer Science; CGPA: 8.25*

Coimbatore, Tamil Nadu

*Graduation Year: 2027*

## EXPERIENCE

### Yoga Academy Management System

Completed

*Spring Boot, React, MySQL, REST API*

- Developed an interactive yoga academy using Spring Boot for the backend and React for the frontend.
- Implemented CRUD operations for managing users, instructors, yoga classes, and instructional videos.
- Designed RESTful APIs for seamless interaction between frontend and backend services.

### 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.

## 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