


# KIRUBAKARAN V

## PASSIONATE FULL STACK DEVELOPER

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## MY WORKS

### Neonatal Patient Monitoring System

#### As a contributor to a research project

 Feb 2025 – May 2025  Chennai, India


- Developed a responsive and user-centric front-end using **React.js** and **Tailwind CSS**, optimized for seamless access across devices used by physicians and healthcare providers.
- Implemented secure **user authentication** with **Firebase**, enabling role-based access and ensuring data privacy in a clinical environment.
- Delivered intuitive features including **interactive graphs**, patient **filtering**, and **report download functionality**, enhancing the efficiency of neonatal monitoring and diagnostics.

### Chat System

 Oct 2024 – Nov 2025  Chennai, India

- Developed a chat application with a responsive GUI using **Java Swing**, ensuring an intuitive user experience.
- Implemented **secure user authentication** and database management with **JDBC**, enabling reliable registration and login processes.
- Designed a robust **Java Server-Client architecture** utilizing **multithreading** and effective **error handling** to support concurrent users and maintain system stability.

### Personal Portfolio

 Jan 2025 – Feb 2025  Chennai, India

- Built a responsive, modern portfolio website using **React.js** and **Tailwind CSS** for efficient, scalable styling and component-based design.
- Enhanced user experience with smooth **animations and transitions**, delivering a polished and engaging interface.
- Showcased projects dynamically by fetching and displaying detailed descriptions and GitHub links, effectively demonstrating technical skills and ongoing work.

## MOST PROUD OF



#### Academic Excellence

Secured first place in high school academic performance



#### Sports Organisation

Proud member of the **National Sports Organisation**, participating in college-level events and ceremonial activities



#### Project Leadership Head

As a team lead, I successfully directed the team to **achieve goals on time** while fostering a **supportive and collaborative** environment.

## EDUCATION

### B.E Computer Science & Engineering

#### MIT Campus, Anna University Chennai

 Aug 2023 – Present

**CGPA: 8.72** (till sem 3)

### High School

#### Tas English Higher Secondary School

 2022 – 2023

**Percentage: 96%**

## TECHNICAL SKILLS

### Programming

C C++ Java JavaScript

### Front-end

ReactJS Tailwind CSS HTML CSS

### Back-end

Express.js Node.js MySQL MongoDB  
Oracle

### Tools and Platforms

Git GitHub Azure VS Code Canva  
API's

## LANGUAGES

### English

Professional Working Proficiency

### Tamil

Native or Bilingual Proficiency

## CERTIFICATIONS



Actively participated in Prayatna'25, a premier technical symposium.



Successfully passed HackerRank SQL (Basic) certification