

KIRUBAKARAN V

PASSIONATE FULL STACK DEVELOPER

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📍 Chennai, IN

MY WORKS

Neonatal Patient Monitoring System

As a contributor to a research project

📅 Feb 2025 – May 2025

📍 Anna University, Chennai

- 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.

Crisis Connect

📅 Mar 2025 – Apr 2025

📍 Chennai, India

- Developed a **real-time community support platform** that allows users in crisis to request help and volunteers to locate and assist them via interactive geolocation mapping.
- Integrated geolocation-based filtering** to display nearby help requests and used a dynamic status system to track and update ongoing assistance efforts.
- Technologies used:** ReactJS, TailwindCSS, Node.js, Express.js, MapTiler, MongoDB, Firebase, REST API

Chat System

📅 Oct 2024 – Nov 2024

📍 MIT, Chennai

- 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.

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

Python

Front-end

ReactJS

Tailwind CSS

HTML

CSS

Back-end

Express.js

Node.js

MySQL

MongoDB

Oracle

Firebase

Tools and Platforms

Git

GitHub

Azure

VS Code

Canva

REST API

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

