

Guhan K

Frontend Developer

Guhan K,
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Mannargudi,
Tiruvarur, TN – 614001
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Skills

Languages: Javascript

Technologies: HTML, CSS, ReactJs, Git.

Experience

Waila Technology / Frontend Engineer

Oct – 2022, PRESENT, Nagercoil

Role: Frontend developer

Working with the team to design a scalable web application implementing with reusable components by using Reactjs.

Responsive Design: My experience as a frontend developer involves creating web applications that look and function well across various screen sizes and devices. I proficient in using CSS and media queries for responsive design.

State Management: I have skills in managing the state of your React applications, using tools like React's built-in state management or external libraries like Redux.

API Integration: I have integrated RESTful APIs or GraphQL endpoints into React applications, enabling them to fetch and display data from servers efficiently.

Education

University College of Engineering, Nagercoil / Computer Science

Sep 2018 - July 2022, Nagercoil

- **Courses:** OOP in Java, Data Structures in C, Computer Networks, Combinatorics, Theory of Computation.
- Have a **CGPA of 7.4**.

Shanmuka Matric Hr Sec School/ HSC

June 2017 - May 2018, Mannargudi

- completed my high school in Computer Science with a percentage of **79%**.

St Joseph's High School / SSLC

June 2015 - May 2016, Mannargudi

- Completed my secondary school education with **85%**

Projects

ONLINE MULTI-CORE LABORATORY (Main Project)

- In my final year of college, I was working on a project that Enhanced the learning abilities of the student with the help of a mentor in a virtual mode.
- Encountered the problem with new technology, implementing the highly interactive user experience in **React** and **MaterialUI**.
- Built a highly scalable **REST API** in **Express** and real-time communication by using **Websocket**.
- Collaborated with the open source project piston (Remote code Execution Engine) with my backend.
- In performance analysis, the learning ability of the student increased by 30%

VIDEO CONFERENCING APP BASED ON ML (Mini Project)

- A Video Conferencing Teaching web app, which detects **the emotion of students** and categorizes them, and makes a visualization for a mentor.
- Designed a complete reusable component with help of **Reactjs** and **MaterialUI**.
- Integrated open source **Tensorflow** emotion detection model with application to detect the emotion in real-time.
- **20% of the mentors** will change their way of teaching and it helps to **increase the learning process** of the student.

Interest

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- Collaborating open-source projects,
 - Exploring trending frameworks,