Muthu Kesavan

+91 6369387754 | muthukesavan6044@gmail.com | linkedin.com/in/muthu-kesavan-s | github.com/Muthu-kesavan

EDUCATION

SRM Institute of Science and Technology Chennai, TamilNadu

Bachelor of Technology in Computer Science *Aug 2020 – May 2024*

EXPERIENCE

Web Development Intern August 2022 – October 2022

Business Web Solutions

- Gained hands-on exposure to web technologies, best practices, and modern development frameworks such as **HTML, CSS, JavaScript**, and **React**.
- Developed a strong understanding of frontend and backend development, including design principles and **API integration**.
- Enhanced skills in version control systems **(Git)**, and improved knowledge of deploying web applications.

PROJECTS

WeatherUknow | *HTML, CSS, JavaScript, Netlify* June 2021 - july 2021

- Created and deployed a weather website using **HTML, CSS** and **JavaScript** providing real-time weather data such as temperature, sunrise/sunset times, and wind speed for cities worldwide.
- Integrated an external weather **API** to dynamically fetch and display weather information based on city searches.
- Leveraged **Netlify** for website hosting and deployment, for access across various devices and platforms.

SRM-Connect | *ReactJs, ExpressJs, NodeJs, MongoDB, Firebase* January 2022 - April 2022

- Developed a social media web application to allow SRM students to connect, share pictures, and interact via posts and tweets.
- Implemented **RESTful APIs** using **Express.js** to handle **CRUD operations**
- Utilized **MongoDB's** indexing feature, reduced query time by **25%** and improved database efficiency.
- Implemented **JSON Web Tokens (JWT)** for user authentication, increasing security by **50%**.
- Implemented **Firebase** for efficient image storage and retrieval, with user profile customizations.

GMAIL Responder | *JavaScript, Node.js, Google API* June 2023 - july 2023

- Developed an automated Gmail autoresponder using **Node.js** and **Google OAuth**, handling email replies and labeling while the user is away.
- Integrated **Google OAuth** for secure authentication, enabling access to **Gmail APIs** with scopes for reading, sending, and labeling emails.
- Implemented randomized email processing at intervals **(45 to 120 seconds)**, simulating natural interactions and improving email management efficiency.

Cloud-Chat | *React.js, Node.js, Express.js, MongoDB, JWT, Web-Socket OpenAI API* August 2024 - Present

- Developed a full-featured one-on-one and group chat application using the **MERN stack**, implementing **JWT** authentication for secure user login and access.
- Designed and implemented **real-time chat** with support for individual and group conversations.
- Currently working on functionality to search and **integrate texts from multiple applications**, allowing users to find and merge relevant information easily.
- Currently integrating **OpenAI ChatGPT API** to provide users with the ability to ask prompts and receive responses within the app.
- Focused on creating a **scalable** and **secure** app architecture with optimized database queries and a **responsive UI/UX** for seamless user experience across devices

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, HTML/CSS
Frameworks: React.js, Node.js, Express.Js
Databases: MongoDB
Developer Tools: Git, VS Code, Postman