



Vasanthakumar K

Enthusiastic student with a passion for technology seeking opportunities to apply technical knowledge and develop skills in a dynamic professional setting

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📅 23 April, 2004

🐙 github.com/Vasanth-sharp

EDUCATION

B.Tech Information Technology

Dr.Mahalingam College of Engineering and Technology, Pollachi

11/2021 - Present

8.15 CGPA

HSC-StateBoard

Holy Cross Convent Matriculation Higher Secondary School, Dindigul

06/2020 - 03/2021

84 Percentage

PROJECTS

Inte-Gem (01/2024 - 01/2024)

- Inte-gem is a project integrated with Google Gemini AI to bring the AI experience to my web app. The app is built using the MERN stack to store user prompts and their data in the database. Express and Node are used for creating APIs, and for the front-end or view, I chose React due to its performance. For styling, I used Tailwind CSS. Nodemailer is used to send emails to users who sign in and log in to my web app, and React-Toastify is used for friendly notifications on the frontend. Routes are protected with the help of react-router-dom, and sessions are managed by JWT (JSON Web Tokens). Here is the link to the project: "<https://inte-gem.vercel.app/>" [🔗](#)

Authentication System (12/2023 - 12/2023)

- Built an authentication system using the MERN stack with Tailwind CSS for styling and OTP validation for added security. Learned about authentication, state management, and the useEffect hook in React. Utilized npm packages such as react-router-dom, nodemailer, and react-toastify. Hosted the backend on Render and the frontend on Vercel. Link to the project: "<https://authentication-ver2.vercel.app/>" [🔗](#)

Thoughts (08/2023 - 08/2023)

- Thoughts is a website created in React for sharing your thoughts with everyone, similar to a blog. Through this project, I learned how to create RESTful APIs, handle fetch calls in the frontend, and manage state in React. Additionally, I familiarized myself with the MERN stack. This project also taught me how to host both the frontend and backend on a network. I hosted the frontend on Vercel and the backend on Render. Here is my frontend link: "<https://thoughts-lake.vercel.app/>" [🔗](#)

Aimalyf (01/2022 - 03/2022)

- Aimalyf is my first team project, developed with technologies like HTML, CSS, JS, PHP, and MySQL for the database. My task on the website was to design the user interface using CSS3 for UI design. Sometimes, finding donors for rare blood groups in emergency situations is a challenging task. To overcome this situation, the "Aimalyf" website will be useful.

INTEREST

Problem Solving

Web Development

Data Structures

ACHIEVEMENTS

Hackathon (02/2023 - 02/2023)

I won the third prize in a hackathon conducted by the IT department at MCET and received a cash prize. There were two rounds: the first round involved code debugging, identifying bugs in the code and clearing them, and the next round was programming. In the programming round, there were three questions categorized as easy, medium, and hard. I cleared the easy and medium questions but struggled with the hard question, managing to clear only a partial test case.

Smartathon (02/2024 - 02/2024)

Our team won the second prize for developing a web app within a short period of time using a MERN stack. We received a cash prize for our project. My task is to design a schema for the database based on the frontend requirement, while other members' tasks involve creating the REST API with Express and Mongoose for MongoDB connectivity and my another task is to style the application using CSS

INTERSHIP

Blaze Web Service (06/2023 - 06/2023)

Our team worked on a quiz application developed as a website. I take care of the responsibility of the user interface, designing the structure of our quiz application and styling it. Within a span of 2-3 weeks, we grasped the fundamentals of React and gained valuable experience working with Node.js, React, and MongoDB. Leveraging our knowledge, we seamlessly integrated MongoDB Atlas for database management, ensuring smooth deployment and cloud accessibility for our project.

TECH STACKS

Programming Languages:

C, Java, JavaScript

Professional Working Proficiency

Technologies:

React, Node.js, Express,

MongoDB

Professional Working Proficiency

Technical Languages:

HTML, CSS

Full Professional Proficiency