SURYA S
FULL STACK DEVELOPER

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web developer with a focus on delivering impactful results, eager to tackle dynamic challenges and apply creativity to craft intuitive user experiences. I have demonstrated proficiency in project management, user-centric problem-solving, and seamless collaboration across teams.

AREA OF EXPERTISE

Leadership and Team Management	User Experience Design	Educational Training
Stakeholder Engagement	Full web development	Communication

SKILLS THAT I HAVE LEARNED

MERN Stack

Technical Proficiencies:

- **HTML5, CSS3, JavaScript (ES6):** Advanced skills in crafting responsive and interactive web pages using modern technologies and scripting standards.
- **Node.js & Express:** Proficient in server-side development, handling HTTP requests, managing routes, and utilizing server-side templating with EJS.
- **React.js:** Skilled in building dynamic user interfaces with React.js, focusing on component-based design, state management, and performance optimization.
- **PostgreSQL**: Experienced in designing and managing relational databases, performing CRUD operations, and executing complex SQL queries for data handling.
- **API Integration**: Adept at developing and integrating APIs to extend application capabilities and ensure smooth data interchange between services.
- **Version Control**: Proficient in using Git and GitHub for version control, including managing code changes, collaboration, and maintaining a well-organized codebase.

Design Expertise:

- **Photoshop & Canva**: Competent in designing and editing visual assets, creating engaging graphics and layouts for web and digital platforms that enhance user experience.

Additional Expertise:

- **Business Analysis:** Knowledgeable in assessing business requirements, defining project goals, and applying analysis techniques to drive effective decision-making and project success.
- **Decentralized Applications (DApps):** Experienced in developing and deploying decentralized applications using the Motoko programming language and blockchain technologies, including smart contract management.

PROFESSIONAL EXPERIENCE

React Intern at Parts2Product :   **MARCH 2024 - Past**

Developed the e-commerce website Fishza using pure React.js for enhanced flexibility and speed. Led and managed teams effectively, reducing project timelines, while also recruiting over 15 students and conducting hands-on JavaScript training

MERN stack developer at ATS :   **AUGEST 2024 - Past**

Developed and learned new technologies by building web applications using React for the front end and Node.js for the back end. Gained expertise in database management and state management in web technologies.

EDUCATION

Bachelor of Computer science and engineering | coimbatore   **OCT 2019 - May 2025**

Anna University - Sri Ranganathar institute of engineering and technology
- CGPA - 8.1

PROJECTS :

Fishza - E-commerce web with pure react.js .

The Fishza e-commerce platform provides a seamless shopping experience with an intuitive interface, allowing customers to easily browse, add items to their cart, and complete purchases. Utilizing **components, hooks, and the Context API,** it ensures dynamic page rendering and efficient data sharing across the site.

simon game - with Node.js and postgreSQL .

The Simon game randomly selects a color and adds it to a computer-generated sequence. Users then replicate the sequence by selecting the colors, and the game checks for correctness. Matching sequences advance the level, helping to enhance the user's **memory and cognitive skill**

Travel Tracker - with Node.js and postgreSQL .

The travel tracker application, developed with **Node.js and PostgreSQL**, allows users to add and remove members. Users can color-code countries on a world map based on their selections, with the map's countries linked to specific codes. This setup ensures that each country is visually customized according to user preferences

Interest Grower - with motoko .

This code continuously compounds an investment at a rate of 1% per second. It calculates the new value by applying the growth factor $1.01^{\text{timeElapsedS}}$ to the current value, where timeElapsedS is the elapsed time in seconds. The start time is then updated for the next growth calculation

Blog API - with node , API .

This blog API runs on ports 4000 and 5000, with port 5000 managing user requests and using **Axios** to fetch data from port 4000 for faster retrieval. Built with **Node.js** and using **EJS** for frontend rendering, it efficiently delivers content to users.

Dkeeper - with frontend - react.js , backend - Motoko

This DKeeper application uses **React** for the frontend and **Motoko** for the backend, allowing users to add and delete notes with hooks while storing data persistently on a backend server. The data remains available and flexible even after the user revisits the page, without relying on a traditional database

ACTIVITIES :

- Leadership - Act as a **Secretary for 1 year in department of CSE** .
- Designing - Making brochures ,canvas, video editing for college functions and events .
- Academy founder - Organize and managing **Flex gen academy** for enhance students knowledge , more than 15+ students were well improved in web development.
- personal advisory - Provide guidance for youngsters about their career.

LANGUAGES & CERTIFICATIONS

- **Languages:** Tamil ,English .
- **Certifications:** 2024 web development bootcamp MERN , Business analyst ,Full stack web development , API student expert (postman) .