SATHYA NARAYANAN R

FULL STACK DEVELOPER

My Contact

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Soft Skill

- Effective communication
- Flexibility
- Teamwork
- **Patience**
- Critical thinking
- Project management
- Time management
- Problem-solving
- Observation

Education

- **M.SC Physics**, (2021-2023) - 84.4%
  Chikkanna Government Arts College, Tiruppur.

- **B.SC Physics**, (2018-2021) - 79%
  Sri Ramakrishna College of Arts and Science, Coimbatore.

- **HSC**, (2018) - 65.5%
  Bishop Ubagaraswamy HR. Sec. School, Kumar Nagar, Tiruppur.

- **SSLC**, (2016) - 83%
  Bishop Ubagaraswamy HR. Sec. School, Kumar Nagar, Tiruppur.

About Me

Innovative Full Stack Web Developer with a year of hands-on experience crafting engaging digital experiences. Proficient in a wide array of front-end and back-end technologies, including React.js, Node.js, Firebase, and MySQL. Skilled in spearheading robust back-end solutions, orchestrating high-performing teams, and driving projects from conception to successful deployment. Committed to continuous improvement and leveraging emerging technologies to enhance web development practices.

Hard Skill

Front-End Technologies:
- Proficient in writing semantic and accessible **HTML** markup, ensuring compatibility across different browsers and devices.
- Skilled in creating responsive and visually appealing layouts using **CSS** and **SASS**, including CSS grid and flexbox for efficient design.
- Strong understanding of core **JavaScript** concepts, such as variables, functions, and control flow, with experience in DOM manipulation and event handling.
- Experienced in utilizing Bootstrap framework to streamline the development process and create responsive, mobile-first web applications.
- Proficient in building dynamic and interactive user interfaces using **React.js,** including state management with hooks and context API for scalable applications.

Back-End Technologies:
- **Node.js** and **Express.js**
- Experienced in integrating Firebase services such as Firestore for real-time database management, Firebase Authentication for user authentication, and Cloud Functions for serverless computing.
- Skilled in database design and management using **MySQL.**

Other Technologies:
- Proficient in **Python** and **Java** programming language with knowledge of object-oriented principles, data structures, and algorithms for building scalable and efficient applications.

Tools:
- **Visual Studio Code**, **Figma**, **Canva**, version control with Git and **Github**.

Professional Experience

Profenna Technologies, Tiruppur. (March 2023 - March 2024)
Junior Full Stack Web Developer:

- Spearheaded the implementation of robust back-end solutions using Node.js, resulting in a 30% decrease in page load times and a 25% increase in system efficiency.
- Orchestrated a high-performing team in developing user-friendly UIs with React.js, driving a 40% increase in user engagement and 20% higher customer satisfaction scores.
- Designed and deployed user registration forms with client-side mail sender integration for enhanced user engagement.
- Conducted regular code reviews and implemented best practices, resulting in a 15% reduction in bugs and improved code quality.

Languages

- English (Fluent),
- Tamil (Native)

Certifications

- **Diploma in Programming**,
  Profenaa Technologies, Tirupur.

- **Summer Training Program in Physics** (STPIP)(2022),
  Organized by "Academy of Science, Chennai & Department of Nanoscience and Technology & Department of Physics, Bharathiar University", Coimbatore.

- **Research Internship Training Program**(2022 - 2023),
  Sri Sai Ram Engineering College, West Tambaram, Chennai.

Interests

Enthusiastic about exploring new technologies, contributing to open-source projects, and continuously enhancing skills through learning and experimentation. Outside of work, enjoy engaging in electronics projects, astrophysics research, and stargazing.

Projects

Company Showcase Website:
- Conceptualized and built a dynamic company showcase website with React.js, showcasing products and services effectively.
- Integrated Firebase for authentication and Google Sheets API for streamlined data management, enhancing scalability.
- Email form data sends user to client when user registeration form submit.
- Link: **https://jmprojexive-87caa.web.app**

Invoice Bill Page:
- Developed an interactive invoice billing page using React.js to allow users to generate and manage invoices efficiently.
- Implemented data collection forms to gather information such as item descriptions, quantities, prices, and taxes for each invoice entry.
- Utilized JavaScript to calculate subtotal, tax, and total amounts dynamically based on user input, providing real-time updates as data is entered.
- Designed the page layout and styling to be responsive across all devices, ensuring optimal viewing and usability on desktops, tablets, and mobile phones.
- Link: **https://invoice-147ef.web.app**

Feedback Page:
- Developed a feedback management system using React.js and process user feedback efficiently.
- Implemented a user-friendly feedback form allowing users to submit their feedback, including ratings and comments, through a simple interface.
- Utilized JavaScript to capture user feedback in real-time and process it accordingly, categorizing feedback as positive or negative based on predefined criteria.
- Implemented automatic response mechanisms to provide instant feedback to users based on their input:
- Positive Feedback: Automatically generated a happy response message acknowledging the positive feedback.
- Negative Feedback: Generated a sympathetic apology message, acknowledging any inconvenience caused by the negative feedback.
- Link: **https://rvw.salondiary.in/?id=c03bcb89-6517-4d19-ae9e-854145385cae**