

SANTHOSH N

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SUMMARY

Passionate React.js Developer skilled in building dynamic and responsive web applications. Proficient in leveraging modern JavaScript frameworks and libraries to deliver robust, user-friendly interfaces. Adept at working in fast-paced environments and collaborating with cross-functional teams to deliver high-quality solutions. Committed to continuous learning and staying updated on the latest industry trends and best practices.

Skills

- **Programming Languages:** JavaScript (ES6+), HTML5, CSS3
- **Frameworks/Libraries:** React, Bootstrap5, React Bootstrap
- **Tools:** Git, NPM, Webpack, Visual Studio Code
- **Others:** REST APIs, Responsive Design, Version Control (Git)
- **Testing:** Selenium, WebDriver, Maven, TestNG

Education

Bharathidasan University

Bachelor of Technology - Computer Science – 79.00 %

Jul 2019 – May 2023

RC Higher Secondary School

HSLC

2018 – 2019

RC Higher Secondary School

SSLC

2016 – 2017

Experience

Software Developer, ABR Systems Private Limited

June 2023 - present

- **Developed** dynamic and responsive web applications using React.js, enhancing user experience by implementing reusable components and optimized state management.
- **Collaborated** with cross-functional teams, including UX/UI designers, backend developers, and project managers, to deliver high-quality, scalable software solutions.
- **Implemented** RESTful APIs to integrate front-end components with backend services, ensuring seamless data flow and functionality across the application.
- **Optimized** application performance by applying best practices in coding, component structure, and browser rendering techniques, leading to improved load times and user satisfaction.
- **Utilized** version control systems like Git for efficient code management, maintaining a clean and organized codebase.
- **Participated** in Agile/Scrum development processes, contributing to sprint planning, daily stand-ups, and retrospective meetings to ensure timely and efficient project delivery.

Key Achievements:

- **Reduced** page load times by 20% through code optimization and lazy loading techniques.
 - **Led** the migration of a legacy application to a React-based architecture, improving maintainability and user experience.
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Projects

Water Level Monitoring And Control System using Internet Of Things

May 2023

This project is designed primarily for monitoring and controlling the water level in household water tanks. It allows users to monitor the water level online and remotely turn the water pump ON/OFF even when they are not at home. The project utilizes a NodeMCUESP8266 board and the Blynk application. An ultrasonic sensor is employed to measure the water level, and a relay module is used to control the water pump.

Technologies Used: Node MCU ESP8266, Ultrasonic Sensor, Realy Module, Motor, Blynk Application

BMI Calculator

<https://github.com/Santhoshraj22/BMI-calculator.git>

Developed a responsive BMI calculator using React.js, enabling users to input height and weight to calculate their BMI. Implemented BMI classification logic and designed an accessible, user-friendly interface optimized for all devices. This project enhanced my skills in React component structure, state management, and real time calculations.

Technologies Used: React.js, HTML5, CSS3

Currency Converter

<https://github.com/Santhoshraj22/Currencyconverter.git>

Developed a responsive BMI calculator application using React.js. Implemented real-time BMI calculations and classification logic based on user inputs. Designed a clean, user-friendly interface optimized for various devices, enhancing my skills in React component structure and state Management development.

Technologies Used: React.js, HTML5, CSS3

Certifications

The Complete React J Course For Beginners	-	Udemy
Bootstrap 5 Course	-	Udemy
React Crash Course With Mini Projects	-	Udemy
JavaScript Practical Crash Course	-	Udemy
Git Tutorial	-	Great Learning Academy
Java Programming	-	Great Learning Academy
Selenium Basics	-	Great Learning Academy
Software testing Tutorial	-	Great Learning Academy

Internships & Trainings

ABR Systems Private Limited - Automation Testing

Sept 2022

During my internship, I gained extensive experience in automation testing, with a strong focus on creating and maintaining test cases and scenarios to ensure software quality. Proficient in using Selenium for automating web applications, I successfully developed and executed comprehensive test scripts that enhanced testing efficiency and accuracy. My expertise in test automation during this period consistently contributed to delivering reliable and high-quality software products.

Achievements

NCC 'B' Certificate

Feb 2022

Demonstrated leadership, discipline, and teamwork through active participation in the National Cadet Corps. Developed strong organizational and problem-solving skills, with experience in drills, camps, and social service activities.