**Grocery Wallah**

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**Abstract**

Completing a mini project in 7th semester of computer engineering provides practical experience and demonstrates the ability to apply theoretical knowledge to real-world problems. It enhances the problem-solving skills, makes the resume stand out to potential employers, and can serve as a foundation for more complex projects in future career.

JavaScript is a versatile and widely-used programming language essential for modern web development. Its importance lies in its ability to create dynamic and interactive web pages, enhancing user experience. As the backbone of front-end development, JavaScript is supported by all major browsers, ensuring compatibility and reach. React.js, a popular JavaScript library developed by Facebook, simplifies the process of building user interfaces, especially for single-page applications. Its component-based architecture allows developers to create reusable UI components, promoting code reusability and maintainability. React's virtual DOM improves performance by efficiently updating and rendering only the necessary components when the application's state changes. Using JavaScript and React.js together provides a powerful combination for web development. They enable the creation of responsive and interactive user interfaces, facilitate seamless integration with other technologies and APIs, and offer a rich ecosystem of libraries and tools. This results in faster development cycles, improved code quality, and a better user experience, making them invaluable for modern web applications.