

## SAVITHA GUNDA

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### PROFESSIONAL SUMMARY:

- Over 6 years of experience as a React developer in creating dynamic, high-performance web applications using **React.js, JavaScript, TypeScript, HTML5, CSS3, Redux, Context API, Tailwind CSS, GraphQL, React-Query, SASS, Jest, Webpack, Babel, and Material UI.**
- Strong understanding of full-stack development with **Node.js, Express, MongoDB, and Next.js.**
- Involved in all phases of the development lifecycle (**SDLC**) including development, testing, deploying, and production support.
- Experienced in developing both class-based and functional components in React, proficiently utilized **React hooks** to manage state and lifecycle events.
- Experienced in leveraging **ES6+** features and modern JavaScript to enhance code efficiency and maintainability.
- Experienced in styling React application using **CSS, SASS, LESS and Tailwind CSS** to create visually appealing and responsive user interfaces.
- Proficient in designing responsive user interface using **Material-UI, Bootstrap and React-Bootstrap.**
- Experienced in using application state management libraries **Redux, Redux toolkit and Context API.**
- Expertise in creating Single Page Application (**SPA**) using React, leveraging its component-based architecture, state management and using React Router.
- Proficient in **Typescript** and **Babel** for type checking and transpilation.
- Experienced in integrating **RESTful** APIs and Apollo **GraphQL** endpoints using Axios and Fetch for data fetching. Used **React-Query** for server state management.
- Expertise in developing reusable components, custom hooks, and middleware like Redux Thunk.
- Skilled in optimizing (**DOM**) Document Object Model manipulation for improved performance.
- Proficient in **Webpack, Parcel, MVC design pattern, Test-Driven Development (TDD)** and unit testing with **Jest and React Testing Library** and tracking tools like **JIRA.**
- Skilled in **Git** and **GitHub** for efficient version control and collaboration.
- Experienced in reducing bundle size by using react **code-splitting.**
- Experienced in optimizing application performance and ensuring cross browser compatibility by utilizing react optimization techniques and tools like Lighthouse, Profiler, performance.
- Expertise in working with **JSON** data for dynamic content in React applications.
- Skilled in Node.js and npm for server-side JavaScript and package management.
- Experienced in utilizing **express.js** for back-end development and **Next.js** for server-side rendering in React applications.
- Proficient in collaborating with cross functional teams to deliver high-quality features, leveraging Agile methodologies like Scrum for iterative development cycles.
- Skilled in solving complex technical challenges and finding effective solutions.
- Strong communication skills, with ability to convey concepts/requirements to technical and not technical teams.

### TECHNICAL SKILLS:

<b>Web Technologies</b>	: React.JS, JavaScript, TypeScript, HTML5, CSS3, Angular 2.0, Next.JS
<b>State Management Tools</b>	: Redux, Redux Toolkit, Context API, Redux Thunk
<b>APIs</b>	: RESTful, GraphQL, React-Query
<b>CSS Frameworks</b>	: Tailwind CSS, Bootstrap
<b>Testing frameworks</b>	: Jest, React Testing Library

<b>UI Component Libraries</b>	: Material UI, Tailwind UI, React Bootstrap
<b>Build Tools</b>	: Webpack, Parcel, NPM
<b>Back End Frameworks</b>	: Node.JS, Express.JS, Mongoose, Atlas
<b>Database</b>	: MongoDB
<b>Dev Tools</b>	: Visual Studio Code, WebStorm
<b>Version Control</b>	: Git, GitHub, Bitbucket
<b>Project Methodology</b>	: Agile Methodology, JIRA
<b>Operating Systems</b>	: Linux, Window
<b>Servers</b>	: Apache, Nginx

## **WORK EXPERIENCE:**

**Cognizant**

**July 2021 – April 2023**

**Senior Frontend Developer**

### **Roles and Responsibilities:**

- Developed web pages using React JS, Typescript, HTML, CSS as per client requirement.
- Implemented reusable components using **React Hooks** and **functional components**, reducing development time by 20%.
- Used **Tailwind CSS** to efficiently style and design responsive user interfaces.
- Developed user interfaces for web applications using **Material-UI** component library.
- Leveraged modern language features of **ES6** and **ES7** for enhanced code efficiency and readability.
- Maintained clean, modular code with **Context API** for state management.
- Implemented application state management using **Redux**, enhancing the predictability.  
Later migrated with **Redux toolkit**.
- Collaborated with UI/UX designers to create visually appealing user interfaces.
- Developed custom Hooks for code reusability and maintenance.
- Written test cases by following TDD using **Jest** and React Testing Library for testing, achieving a **20%** test coverage boost.
- Implemented **code-splitting** using React Lazy and Suspense to load components on-demand, reducing initial bundle size and improving load times resulting in a 15% improvement in application speed.
- Conducted thorough **profiling and performance testing** using browser developer tools like Lighthouse and tools like React Dev Tools to identify and address bottlenecks.
- Configured **Webpack** as the module bundler, optimizing build configurations for efficient code splitting.
- Integrated seamlessly with backend **RESTful APIs**, working collaboratively with backend developers.
- Utilized **Ag-Grid-React** customization options for column filtering, sorting, and grouping, enhancing user interaction and data exploration.
- Engaged in **Agile Scrum** development methodologies, participating in sprint planning, daily stand-ups, and retrospective meetings and contributed to iterative development cycles.
- Used **JIRA** as a Bug Tracking System to maintain history of bugs/issues on an everyday basis.
- Extensively used **GIT** for version controlling and pushed code to **GitHub**.
- Managed deployment workflows and continuous integration/continuous deployment (**CI/CD**) pipelines

**Purple Talk**

**Feb 2017 – July 2021**

**Software Analyst**

### **Roles and Responsibilities:**

- Design and implement responsive and visually appealing user interfaces using **React.js, HTML5, CSS3** for ecommerce application.
- Implemented state management using **Redux** for complex states.
- Implemented complete order workflow.
- Implemented **GraphQL** queries and mutations in React for seamless data retrieval and backend integration in the ecommerce application.
- Integrated third party APIs(**Razor pay**) for payment gateway and order processing.
- Designed and implemented a dynamic and user-centric order summary, allowing customers to review and customize their orders before finalizing the purchase.
- Configured **Webpack** code splitting, optimizations techniques like tree shaking, minification and caching leading to smaller bundled and improved performance.
- Applied **ES6** features to enhance code readability and maintainability.
- Collaborate with cross-functional teams, including back-end developers, designers, and product managers, to deliver high-quality features on time.
- Resolved **QA bugs**, ensuring software stability and delivering high-quality, error-free code.
- I actively engaged in Agile Scrum methodology, where I contributed to iterative development cycles.
- As a senior developer actively performed code reviews to uphold coding standards.

#### **Enterprise Application:**

- Worked on Enterprise application implemented UI using **React.JS, HTML5, CSS3, Typescript**.
- Translated wireframes into interactive and dynamic code.
- Developed modules like payroll, attendance, billing, invoices.
- Efficiently managed application state using **Redux**.
- Integrated **Formik** to streamline complex form management, optimizing validation with **Yup**, error handling, and submission.
- Collaborated with back-end developers to integrate front-end components with **RESTful APIs**.
- Implemented **SSR Server side rendering** to improve initial page load times and enhance SEO for web applications.

#### **Healthcare Application:**

- Developed Project for healthcare domain using **React.JS, HTML5, CSS3, Bootstrap**.
- Designed and Implemented features in React **class components** and setState.
- Collaborated with back-end developers to integrate front-end components with **RESTful APIs**.
- Developed reusable React components with integrated **D3.js** logic for modular and seamless chart integration across the application.
- Implemented reusable bar, pie and line chart components for better code reusability.
- Integrated **Key cloak** authentication for secure and compliant user access.
- Used **Git** for version control and pushed code to **Bitbucket**.

#### **EDUCATION QUALIFICATION:**

**Rajiv Gandhi University of Knowledge Technologies**

Basar, Telangana, India

Bachelors in computer science and engineering, May 2017

#### **CERTIFICATIONS:**

Node complete course, Udemy, 2024