

# Siddharth Sekhar Singh

✉ siddharthsekhar2010@gmail.com    ☎ 8144118241

in LinkedIn

## Technical Skills

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**Programming & Scripting :** Python, HTML, CSS, JavaScript, React, Redux

**Testing & Automation :** Postman, SDLC, Gitlab, Github, CI/CD, Jest, Jira

**Programming & Scripting :** Networking, Operating Systems, Cloud Computing

**Database :** SQL

## Education

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**Veer Surendra Sai University of Technology**

*Aug 2019 – May 2023*

*B-Tech in Computer Science Engineering*

- **Coursework:** Programming, Networking, Operating Systems

## Experience

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**Analyst - Front End Developer**

*India*

*Deloitte*

*Feb 2024 – Present*

- **Developed and optimized scalable Single Page Applications (SPA)** using **React.js**, implementing dynamic routing with **React Router** and managing complex state transitions using **Redux**, resulting in faster navigation and improved user experience.
- **Designed and implemented advanced search functionalities** with real-time filtering, debouncing, and API integration, enabling efficient data retrieval and significantly enhancing the UI/UX performance for large datasets.
- **Integrated RESTful APIs and external systems** into React applications, handling complex asynchronous logic using **Redux Thunk**, **middleware**, and **error-boundary handling**, ensuring robust communication between frontend and backend services.
- **Designed and implemented advanced search functionalities** with real-time filtering, debouncing, and API integration, enabling efficient data retrieval and significantly enhancing the UI/UX performance for large datasets.
- Worked with **CI/CD tools** like **GitHub**, **Jenkins**, and used **Postman**, **JIRA** for testing and tracking.
- Used **code splitting**, **custom hooks**, and **memoization** to enhance performance in large-scale apps.
- Handled **JSON/XML data**, integrated **JWT/OAuth**, and followed **SDLC** best practices with clean ES6+ code.
- Received **Spot Award** for **Best Performance** in 2024

## Projects

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**CurateBox**

- **Built a personalized subscription recommendation engine** using **React** and **Node.js** to tailor box contents to user preferences.
- **Developed a flexible subscription management system** using **MongoDB** and **Express.js** to handle various delivery frequencies.
- **Created a responsive UI/UX** with **React.js** and **CSS3**, ensuring a seamless user experience across devices.
- **Integrated secure payment solutions** like **Stripe API** to enable smooth transactions for customers.
- **Implemented eco-friendly features** and promoted **sustainable product options**, reinforcing the platform's commitment to sustainability.