Siddarth Koul

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EDUCATION

International Institute Of Information And Technology Pune, India
Bachelor of Engineering in Information Technology, CGPA : 8.3/10.0 *2019 – 2023*

EXPERIENCE

Frontend Developer Intern Jan 2024 – Apr 2024
Cuvette *Bangalore, Remote*

- Designed and constructed multiple end to end projects with interface using React.js, ensuring seamless navigation and enhanced user experience.
- Employed MongoDB for efficient data management, facilitating smooth backend operations and scalable database solutions.
- Utilized Express.js to build robust server-side APIs, enabling seamless data transmission and manipulation for client-side interactions.

Web Developer Intern Jan 2022 – Feb 2022
Exposys Data Labs *Bangalore, Remote*

- Developed a user-friendly web interface for a Mass-Mail Dispatcher using HTML, CSS, and JavaScript to ensure smooth navigation and intuitive user experience.
- Implemented backend functionalities using technologies such as Node.js and Express.js, enabling the application to handle sending bulk emails efficiently.
- Implemented features such as email template customization, recipient segmentation, and scheduling to provide users with advanced email campaign management capabilities.

PROJECTS

EDukaan: E-commerce Store | *Typescript, Express.js, React.js, Node.js* Present

- ∗ Engineered a robust ecommerce platform using **React.js** for frontend and Node.js with **Express** for backend, leveraging **MongoDB** for **database management**.
- ∗ Integrated **Redux** Toolkit and RTK Query for state management, ensuring seamless data flow and enhanced user experience.
- ∗ Implemented secure user authentication with **JWT** and **OAuth**, fortified by **TypeScript** for type-safe code.
- ∗ Orchestrated a sophisticated backend system to handle key functionalities such as Product Management, User Authentication, and Order Processing, ensuring optimal performance and **scalability**.

Real Time Chat App | *Express.Js, React.js, Socket.io, Node.js* Dec 2023 – Jan 2024

- ∗ Developed a Real-Time Chat App with **MERN** stack, seamlessly integrating **Socket.io** for live communication, Tailwind CSS for UI design, and Daisy UI for component styling.
- ∗ Implemented **JWT** for robust **user authentication**, safeguarding data integrity and user privacy.
- ∗ Leveraged **MongoDB** for efficient data management, enabling fluid chat interactions and scalability. Engineered a dynamic and **responsive chat platform**, offering users an immersive experience with real-time messaging capabilities.

Foodel : Food Delivery Platform | *Express.Js, React.js, NoSQL, Node.js* Oct 2023 – Dec 2023

- ∗ Developed a comprehensive backend system for a food delivery app, utilizing **microservices** architecture to handle key functionalities including **Order Management**, User Authentication.
- ∗ Ensured smooth communication between frontend (built on **React**) and backend (**Express.js**) using **Axios** for seamless data exchange.
- ∗ Implemented secure user authentication mechanisms using **JWT** and **OAuth**, bolstered by an **API Gateway** for request validation, rate limiting, and transaction consistency.

TECHNICAL SKILLS

Languages: JavaScript, Python, TypeScript, JavaScript, HTML/CSS,
Frameworks: React.js , Next.js, Node.js, Material-UI, Express.js, Bootstrap, Tailwind CSS
Developer Tools: Git, Github, Docker