

# Shruti Dhungana *Full Stack Developer*

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## Profile

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I am a driven and goal-oriented Full-Stack Developer with a strong focus on **frontend development** and a growing knowledge of backend technologies. With extensive experience building and managing intuitive and responsive web applications using React.js, I excel at creating seamless user experiences and visually engaging interfaces. My expertise in **frontend frameworks**, coupled with a solid foundation in **backend concepts**, allows me to contribute effectively to end-to-end development processes.

With a natural aptitude for **analytical thinking**, **problem-solving**, and **effective communication**, I collaborate efficiently with cross-functional teams to deliver projects that align with both user needs and business objectives. My ability to quickly adapt to emerging technologies and dynamic environments ensures continuous growth and value contribution.

While my primary strength lies in **frontend development**, leveraging tools like React, CSS frameworks, I have recently begun expanding my expertise into backend development. I have acquired foundational knowledge of backend concepts, including APIs, server-side logic, and database integration, which enhances my ability to work seamlessly across the full stack.

Passionate about crafting impactful solutions, I focus on optimizing performance, user satisfaction, and timely delivery. As a fast learner, I am eager to take on challenging projects, continuously improving my skills to stay ahead of technological advancements and contribute meaningfully to innovative, user-focused applications.

## Professional Experience

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2023/02 – 2024/07

### Frontend React Developer

Pulchowk, Lalitpur  
(Melbourne),  
Nepal (Australia)

*Digital Anka (Varicon)* ☑

As a React developer at Varicon, I played a key role in enhancing several critical modules of the Varicon product, delivering impactful and user-focused improvements. One of my significant contributions was the implementation of an Archive feature for the Equipment module, alongside advanced filtering options by status and supplier. I also introduced features like displaying unqualified equipment counts and adding status indicators in equipment tables, greatly improving data visibility and usability.

In the Daily Cost Tracking module, I streamlined navigation by configuring filtering to display the first 10 entries for users. To strengthen security, I developed an automatic logout feature that logs users out after an hour of inactivity, ensuring better protection for user data.

Furthermore, I designed and developed the entire Subcontract module from scratch. This included features such as adding and managing contracts, handling variations, and linking contracts to claims. Using React, Hooks, and Material UI, I delivered intuitive and seamless user experiences across these developments, significantly enhancing the overall functionality of the platform.

2022/10 – 2023/02

Sankhamul,  
Kathmandu, Nepal

### Frontend Intern

*Treeleaf Technologies* 

During my time as a frontend intern, I had the opportunity to learn and hone my skills in a range of frontend technologies, including HTML, CSS, JavaScript, and React. This hands-on experience allowed me to understand the building blocks of web development and how these technologies work together to create dynamic and interactive user interfaces. I was able to apply these skills to various beginner-level projects, such as developing splash pages, simple to-do apps, task managers, and quiz applications. Each project provided valuable insights into the development process, from planning and designing to coding and testing.

Overall, this internship has been an enriching journey that has equipped me with a deeper understanding of frontend development. The process of creating these projects not only strengthened my coding abilities but also improved my problem-solving skills and my ability to work with different tools and frameworks. It was a great learning experience, and I'm excited to continue building on this foundation as I pursue further opportunities in frontend development.

2022/01 – 2022/03

Jawalakhel, Lalitpur,  
Nepal

### React Intern

*Prixa Technologies*

During my internship as a React developer, I had the opportunity to work on the Laxmi Bank App, which was a significant project. This app included multiple features such as a splash page, a calculator, a custom-built keyboard, and a section to view bank statements, among others. As this was my first experience with React, it was a steep learning curve, and I also had the chance to enhance my CSS skills to design and style the app effectively. The process of building these components not only helped me grasp React's fundamentals but also gave me a practical understanding of how to structure and develop a feature-rich application.

After completing the Laxmi Bank App, I moved on to creating a website called Movie-Mania, which utilized the Opendb API to fetch and display movie data. I also worked on a simple weather app, incorporating real-time data to display weather information.

These projects allowed me to further hone my skills in React while exploring API integration, state management, and building user-friendly interfaces. Overall, my internship was a highly valuable learning experience, giving me hands-on exposure to React development, problem-solving, and creative application building.

## Projects

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### TrendHive

A full-stack web application built with Next.js, TypeScript, TailwindCSS (frontend), Express, MongoDB, and Node.js (backend), featuring two user roles: **Admin** and **User**.

#### User Features:

- **Explore Products:** View products on the Homepage or Product Page after registration and login.
- **Categories & Brands:** Browse categories (Men, Women, Kids, Footwear, Accessories) and brands (Nike, Adidas, Puma, Levi's, Zara, H&M, Ethnic).
- **Cart & Checkout:** Add items to the cart, proceed to checkout, select an address, and complete payments via PayPal.
- **Order Management:** View your orders with detailed information.

#### Admin Features:

- **Dashboard Management:** Add feature images for the Homepage.
- **Product Management:** Add, edit, or delete products.
- **Order Management:** View and update order statuses. (Developer is admin)

**For more information click on link below:**

<https://e-commerce-hazel-iota-68.vercel.app/> 

### Leetcode Clone [↗](#)

This is a clone of Leetcode, featuring a homepage displaying 10 problems. Clicking a problem takes you to a page with the problem description on the left and a code editor on the right.

- **Problem Description (Left Side):** Displays the problem title, category (easy, medium, difficult), options to like, dislike, or favorite, example solutions, and constraints.
- **Code Editor (Right Side):** Offers a language selection for coding, a code editor, test cases, and buttons to run or submit the code. A confetti animation appears when the test cases pass.

The homepage shows completed tasks marked with a tick.

**For more information click on link below:**

<https://leetcode-clone-ashen.vercel.app/> [↗](#)

### Dream-Home [↗](#)

A full-stack MERN application for booking and exploring properties based on unique categories like Beachfront, Windmills, Iconic Cities, Countryside, and Islands.

- **Become a Host:** Logged-in users can list properties by following steps to add details like category, type, location, capacity, facilities, and more.
- **Property List:** View detailed property information and book stays by selecting dates.
- **Trip List:** Track your past trips.
- **Wish List:** Save places you want to visit.
- **Reservation List:** Manage your reserved properties.

**For more information click on link below:**

<https://dream-home-gamma.vercel.app/> [↗](#)

### Shopping Cart [↗](#)

This is a React app styled with regular CSS that showcases a functional shopping cart system. The home section displays a variety of products categorized by type, where users can explore and add items to their cart with a simple click of the "Add to Cart" button. In the cart section, users can view all the items they've added, increase or decrease quantities using the plus and minus buttons (with the minus button disabled at a minimum quantity of 1), or remove items entirely using the "Remove from Cart" button.

The app ensures smooth interactions, providing a seamless shopping experience from browsing to managing the cart.

**For more information click on the link below:**

<https://shrutidhungana.github.io/shopping-cart/> [↗](#)

### Sociopedia [↗](#)

This is a simple social media full-stack app built with the MERN stack (MongoDB, Express, React, Node) and styled using Material UI V5.

Features:

- **Login/Register:** Users can log in with their username and password or register for a new account.
- **Home Page:** After login, users land on a page with:
- **Profile Page:** Similar to the home page but without the right sidebar. Users can remove friends by clicking the icon next to the friend list.

**For more information click on the link below:**

<https://social-media-gamma-six.vercel.app/> [↗](#)

### Khana-Sansar [↗](#)

A food recipe app built with the MealDB API, Vite, React, and Bootstrap. It offers a variety of recipes across categories like Chicken, Dessert, Lamb, Miscellaneous, Pasta, and Pork. Users can select dishes from these sections (e.g., Chicken) to view meal options like burgers, Ayam Percik, Nutty Chicken Curry, and Tandoori Chicken. Clicking on a dish shows its recipe, including ingredients, measurements, and instructions.

**For more information click on the link below:**

<https://khanasansar.vercel.app/> [↗](#)

### Movie-Mania

An app made with react and styled-components, where you can search for the movie in the searchbar available and you get your desired movie from the list. Once you click on the individual movie you get the information about the movie such as IMDB rating,language,release-year,run-time,genre,director(s), actors and little information about the plot of the movie above the first row of the movies that matches your search.


**For more information click on link below:**

<https://shrutidhungana.github.io/Movie-Mania/> 

### Remix Login

A simple login app using Remix JS where you can enter Name, Email and Password after which you will be redirected to profile where you can logout or delete profile.

**For more information click the link below:**

<https://remix-login-kappa.vercel.app/> 

## Confidentials

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### Subcontract Module

*Varicon Product*

In the Subcontract module at Varicon, which is tailored for the civil construction industry in Australia, the focus was on enhancing the functionality for managing subcontractor agreements. This involved creating a dynamic table to display subcontract details, allowing for efficient organization and access. Key operations like adding and editing subcontract records were streamlined, enabling easy updates and modifications to contract information.

Additionally, functionality was integrated to support importing files, ensuring smooth data migration and compatibility with external documents. These improvements played a crucial role in optimizing the subcontract management process, ensuring seamless integration with broader project workflows.

### Equipment Module

*Varicon Product*

In the Equipment module at Varicon, I contributed to several key functionalities aimed at improving equipment management. This included adding counts to track the number of items, and implementing CRUD operations for managing archived equipment. Additionally, I worked on enhancing the status management feature, which involved setting equipment statuses to inactive, ensuring better organization and accuracy in tracking equipment availability. These improvements helped streamline operations, making it easier to manage equipment records and maintain up-to-date data within the system.

## Skills

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### React JS

- React Hooks
- Component.
- State Management
- Context API
- React Router

### CSS

- Material UI
- ShadCN
- Tailwind
- Bootstrap

### Typescript

- Basic Knowledge
- Code Quality
- Adaptability

### Node

- Basic Technical Skills
- Problem-Solving

### MongoDb

- Basic data storage with mongoose

### HTML

- Attention to Detail
- Proper use of tags and semantics
- Creativity

### Javascript

- Core Concepts
- Data Structures
- Problem-Solving

### Next

- Basic Concepts
- Collaboration

### Express

- Proficient in Express.js Development

### Remix

- Basic of Remix JS


## Education

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2017 – 2022

Dhulikhel, Kavre, Nepal

### Bsc. Computer Science

*Kathmandu University* 

The course curriculum encompassed a diverse range of subjects, starting with foundational programming languages like C and C++ in the first year and progressing to advanced topics such as Database Management Systems, Data Structures and Algorithms, Operating Systems, Computer Architecture and Organization, and System Analysis and Design. Additionally, I had the opportunity to collaborate on academic projects spanning from the second semester of the first year to the second semester of the third year, as well as work on subject-specific mini-projects that enriched my learning experience.

2015 – 2017

Lainchaur, Kathmandu,  
Nepal

### +2 High School (Science)

*National School Of Sciences*

Pursued science-focused subjects as part of the National Examination Board curriculum, including Physics, Chemistry, Biology, Mathematics, and English in Grade 11. In Grade 12, studied an expanded curriculum comprising English, Nepali, Physics, Chemistry, Biology, and Mathematics, achieving a commendable percentage.

Kathmandu, Nepal

### SLC

*Daffodil Boarding School*

Explored a variety of subjects included in the course curriculum, such as English, Nepali, Mathematics, Science, Social Studies, Optional Mathematics, Health, Population and Environment, and Computer Science. Actively engaged in various extracurricular activities, including poem recitations and essay writing competitions, achieving notable merit positions in the process.

## Languages

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- English

- Nepali

**Interests**

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- Reading Novels
- Researching on New topics