Shruti Dhungana *Full Stack Developer*

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📅 2000/03/07 🚩 Nepali in LinkedIn ⧉ Github f Facebook

🪪 Profile

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

2023/02 – 2024/07
Pulchowk, Lalitpur (Melbourne), Nepal (Australia)

Frontend React Developer
Digital Anka (Varicon) ⧉

- Played a key role in enhancing several critical modules of the Varicon product, focusing on delivering impactful and user-centric improvements that improved usability and data interaction across the platform.
- Implemented an **Archive feature** for the Equipment module, allowing users to effectively manage and store inactive equipment records. Also introduced **advanced filtering options** based on status and supplier, making it easier to locate specific equipment data.
- Added new features in the Equipment module such as **displaying unqualified equipment counts** and **status indicators** in equipment tables, which significantly enhanced data visibility and user awareness.
- Improved the **Daily Cost Tracking module** by configuring filters to display the first 10 entries upon load, resulting in a smoother and more intuitive navigation experience for end-users.
- Strengthened the platform's security by developing an **automatic logout mechanism** that logs users out after one hour of inactivity, helping to safeguard user data and prevent unauthorized access.
- Led the **design and end-to-end development of the Subcontract module**, which included functionality for adding and managing subcontracts, handling contract variations, and linking contracts to related claims.
- Utilized **React, Hooks, and Material UI** to build interactive and user-friendly interfaces across all developed features, ensuring a seamless and consistent user experience throughout the platform.

2022/10 – 2023/02
Sankhamul,
Kathmandu, Nepal

Frontend Intern
Treeleaf Technologies ⬈

- Gained hands-on experience in core frontend technologies including **HTML, CSS, JavaScript, and React**, developing a solid foundation in building dynamic and responsive web interfaces.
- Learned how different frontend technologies integrate to create interactive user experiences, deepening my understanding of the **fundamentals of web development**.
- Applied skills through beginner-level projects such as **splash pages, to-do apps, task managers, and quiz applications**, allowing me to explore real-world implementation of key frontend concepts.
- Participated in the complete development cycle—**from planning and designing to coding and testing**—which helped me understand the importance of structure and process in frontend workflows.
- Strengthened my **problem-solving abilities** by tackling common UI/UX challenges and implementing practical solutions using modern frontend frameworks and tools.
- Improved my ability to **work with different tools and libraries**, setting a strong foundation for future projects and professional opportunities in frontend development.
- Viewed the internship as an enriching learning journey that significantly boosted my **technical confidence and readiness** for more advanced frontend roles.

2022/01 – 2022/03
Jawalakhel, Lalitpur,
Nepal

React Intern
Prixa Technologies

- Contributed to the development of the **Laxmi Bank App**, a feature-rich React-based project that included components such as a **splash page, calculator, custom-built keyboard**, and a **bank statement viewer**, providing valuable exposure to real-world application structure and flow.
- Navigated a **steep learning curve as a first-time React developer**, using the opportunity to strengthen my understanding of **React fundamentals** including components, props, state management, and JSX syntax.
- Improved my **CSS and styling skills** by designing clean and functional user interfaces, ensuring the application was visually appealing and user-friendly across all modules.
- Gained practical experience in **structuring and developing scalable features** within a multi-functional application, learning how to break down complex requirements into manageable components.
- After the Laxmi Bank App, developed a project called **Movie-Mania**, which leveraged the **OpenDB API** to fetch and display dynamic movie data, enhancing my skills in API integration and asynchronous data handling.
- Built a **real-time weather application** that consumed external weather data APIs, allowing me to explore data fetching, UI updates based on live input, and error handling in React.
- Strengthened my ability to **build interactive and responsive interfaces** by working on projects that emphasized user experience and seamless interaction.
- Gained hands-on exposure to **practical React development, API integration, and frontend problem-solving**, which solidified my interest and foundational knowledge in modern web application development.

🗀 Projects

Learn Loom
Status: Ongoing

Full-Stack Learning Management System (LMS)
TypeScript · Next.js · Node.js · GraphQL · PostgreSQL · Docker · Redis · Microservices · WebSockets

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**.
Status: Completed
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/ ↗

Leetclone ↗
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.
Status: Completed
- **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.
Status: Completed
- **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 ↗
Status: Completed
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.
Status: Completed
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 ⧉
Status: Completed
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, Ayem 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 ⧉
Status: Completed
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 ⧉
Status: Completed
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/ ⧉

🧠 Skills

React JS
- **React Hooks**
- **Component.**
- **State Management**
- **Context API**
- **React Router**
- **Redux**

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
- **Semantic Markup**
- **Forms and Input Elements**
- **Multimedia Integration**
- **Accessibility Best Practices**
- **HTML5 APIs Usage**

Javascript
- **Core Concepts**
- **Data Structures**
- **Problem-Solving**

Next
- **Basic Concepts**
- **Collaboration**

Express
- **Proficient in Express.js Development**

🧩 Soft-Skills

Communication
- Clearly convey ideas and technical concepts to team members and stakeholders
- Actively listen to understand project requirements and feedback
- Write concise and effective documentation and reports
- Facilitate collaboration between cross-functional teams

Time Management
- Prioritize tasks effectively to meet deadlines
- Break down large projects into manageable milestones
- Avoid procrastination by maintaining a disciplined workflow
- Balance multiple responsibilities without sacrificing quality

Adaptability
- Quickly learn new tools, technologies, and methodologies
- Adjust to changing project requirements and priorities
- Stay open-minded and receptive to constructive criticism
- Maintain composure and effectiveness in dynamic environments

Problem-Solving
- Analyze issues methodically to identify root causes
- Develop creative and practical solutions under tight deadlines
- Adapt approaches based on feedback and new information
- Use logical reasoning to troubleshoot and debug complex problems

Teamwork
- Collaborate constructively with diverse personalities and skill sets
- Share knowledge and support team members to achieve common goals
- Resolve conflicts through negotiation and empathy
- Participate actively in team meetings and brainstorming sessions

🧩 Confidentials

Subcontract Module
Varicon Product
- Contributed to the development of the **Subcontract module** tailored for the **civil construction industry in Australia**, focusing on enhancing the efficiency and usability of subcontractor agreement management.
- Designed and implemented a **dynamic table** to display subcontract details, enabling users to **easily organize, view, and access key contract information** in a structured format.
- Streamlined essential operations such as **adding and editing subcontract records**, allowing for quick and accurate updates to contract data within the system.
- Integrated **file import functionality** to support smooth data migration and improve **compatibility with external documents**, ensuring the system could handle diverse data sources and formats.
- Contributed to **optimizing subcontract workflows** by building features that supported end-to-end contract handling, thereby **enhancing integration with broader project management processes**.

Equipment Module
Varicon Product
- Contributed to the development of the **Equipment module** with a focus on improving the management and organization of equipment records for enhanced operational efficiency.
- Implemented **item count tracking** features to display the number of equipment entries, helping users quickly assess inventory levels and monitor equipment availability.
- Developed full **CRUD functionality for archived equipment**, enabling seamless management of outdated or inactive records while preserving data integrity.
- Enhanced the **status management system** by introducing the ability to **set equipment statuses to inactive**, improving clarity around equipment usage and availability.

- Played a key role in **streamlining equipment operations**, ensuring that users could maintain accurate, organized, and up-to-date records within the system.

⚙️ Blogs

Trend Hive — A Full-Stack MERN E-Commerce App with PayPal (Features, Code & Lessons Learned) ⧉
The journey of building an e-commerce web app, Trend Hive — a fully functional online store developed with the MERN stack: MongoDB, Express.js, Node.js, and Next.js with TypeScript. The app features payment integration and provides distinct user and admin experiences. Admins can manage products, orders, and homepage content, while users can browse items by category, add them to the cart, and place orders securely.

🎓 Education

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

- English
- Nepali

🎻 Interests

- Reading Novels
- Researching on New topics