

# Prakash Shrestha

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## PERSONAL SUMMARY

A proactive and adaptable individual eager to learn and grow in any environment. Known for being hard-working and dependable, with a strong track record of meeting goals and contributing effectively to team efforts.

## EDUCATION

**Everest Engineering College, Sanepa, Lalitpur**- *Bachelor's in Computer Engineering*  
2019-2024

**Liverpool International College, New Baneshwor, Kathmandu**- *+2 Science*  
2017-2019

**VS Niketan School, Thapathali, Kathmandu**- *SEE*  
2017

## PROJECTS

**E-commerce Website** (*BROADWAY PROJECT*) [[code](#)]

- Created an **e-commerce website** with functionality to add, view, update, and delete products
- Created an engaging and **dynamic website design** using HTML, CSS, Bootstrap, and JavaScript
- Developed a **modular UI** using **React components** and **layouts** for a consistent and responsive design.
- Implemented **routing and guards** to manage **navigation** and **secure access** to specific pages.
- Managed application state with **React stores** while organizing content into **structured pages**.
- Implemented **user authentication** with **login functionalities for users and admin**, including session management and role-based access control

- Implemented OTP (One-Time Password) functionality for secure password resets and developed a REST API for CRUD operations.
- **Integrated payment gateway Khalti** for payment transactions
- Technologies: **React, MongoDB, Node.JS, JavaScript, HTML, Bootstrap, CSS, Express, GitHub**

### Price Comparison System (*COLLEGE MINOR PROJECT*) [[code](#)]

- Created a project to **compare prices** between products such as laptops from different websites
- Employed **web scraping techniques** to gather data from two different websites
- Compared product prices between the scraped data sources
- Technologies: **Python, BeautifulSoup, Selenium, MongoDB, GitHub**

### Task Tracker Web Application (*PERSONAL PROJECT*) [[code](#)]

- Created a **single-page web** app to add, delete, and set the remainder for the task in ReactJS
- Used **React components** to create a modular and maintainable codebase.
- Leverages **React hooks** to manage state and lifecycle events, enabling dynamic task handling and seamless integration of **API calls** for real-time updates
- Technologies: **ReactJS, HTML, CSS**

### Billing Management System (*COLLEGE MINI PROJECT*) [[code](#)]

- Developed a **Supermarket Billing System** in C++ to **manage products and transactions**, incorporating functionalities for **both managers and buyers**
- Created product management features for **adding, editing, and removing products**, with **data persistence using file handling**
- Designed a **buyer interface to handle product purchases, generate receipts**, and display total amounts, including discounts and quantities
- Utilized **file operations** to read from and write to text files for product data and transaction records, ensuring data integrity and persistence
- Demonstrated understanding of **C++ fundamentals**, including classes, file handling, and data manipulation, to develop a functional and user-friendly application
- Technologies: **C++, GitHub**

## SKILLS

- Strong foundation in **OOP concept**
- Extensive knowledge of **JavaScript, NodeJS, Express, MongoDB, and ReactJS** for building dynamic and efficient web applications
- Proficient in both **relational and non-relational databases**
- Familiar with **Git** and **version control tools**.

- Proficient in **HTML, CSS, Material UI, and Bootstrap**, with a solid understanding of responsive design principles and familiarity with **modern CSS frameworks**.
- Adept at **debugging**, identifying, and **resolving issues in code**
- Extensive experience with **web scraping** libraries, including **BeautifulSoup and Selenium** for data extraction
- Hands-on experience with **C and C++**.
- Experience building **responsive web design**
- Database Management: **MySQL, MongoDB**

**Soft skills: Communication, Flexibility, Team Work, Problem Solving**

## **TRAINING AND WORKSHOPS**

- MERN Stack Development training- 3 Months (Broadway Infosys).