

# KARUNA DEVKOTA

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## EDUCATION

**Prime College (Tribhuwan University affiliated)** 2024  
*Bachelor of Science, Computer Science and Information Technology* Kathmandu, Nepal

- **Relevant Coursework:** Web Technology, Software Engineering, Advanced Database, Data Warehousing and Data Mining, Cloud Computing, Statistics, Artificial Intelligence

## WORK EXPERIENCE

### WEB DEVELOPER

2024 – Present

#### Alternative Technology

##### Only1DollarDesign Website

- Rebuilding the site using React for enhanced performance, responsiveness, and user experience.
- Focusing on dynamic components, modern UI/UX, and optimized performance.

##### Ramro Designs Website

- Developed a responsive website using React, ensuring accessibility across devices and integrating payment functionality through PayPal and credit card options.
- Gained expertise in React components, hooks, Redux, UI libraries, local storage, and integrating external APIs.

Aug 2022 – Nov 2022

#### BrandAd Inc.

- Developed and launched a new website for BrandAd Inc., a digital marketing company, using React.
- Focused on creating a modern, responsive design to enhance user experience and streamline client engagement.

## PROJECTS

### GoldSage – Undergraduate Final Year Project

#### Gold Price Prediction using Machine Learning

- Developed a machine learning model for gold price prediction using a hybrid LSTM-CNN algorithm.
- Cleaned and preprocessed historical data, handling missing values, outliers, and normalization.
- Gained expertise in deep learning with TensorFlow for model training and testing.

### **WoodStones E-commerce Website**

- Built a responsive E-Commerce site using the MERN stack with payment integration via Khalti. Worked with React, Redux, MongoDB, Express, and Node.js.

### **Carbon Dioxide Concentration**

- Developed a website to track daily CO2 concentrations using React and RapidAPI for data fetching.

### **Anime Watchlist**

- Created a responsive anime watchlist site with React, Shadcn/UI, and Tailwind for tracking user lists.

## **INTERNSHIP**

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### **Alternative Technology**

#### **Only1DollarDesign Mobile App**

*App Developer*

- Built the UI for the Only1DollarDesign app using Flutter, enabling users to download designs for \$1 without visiting the website.
- Gained hands-on experience with Flutter components, shared preferences, and UI libraries to create a smooth and efficient user experience.

## **SKILLS**

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- HTML, CSS, Tailwind, Bootstrap
- React
- Flutter
- MySQL
- MongoDB
- Figma
- Python
- Communication skills
- Team Leadership
- Technical Writing