

Rajan Shrestha

Dillibazar | rajan1234stha@gmail.com | 9809365231 | rajan123stha.github.io

linkedin.com/in/rajan-shrestha-1624a1224 | github.com/Rajan123stha

Summary

Frontend Developer with a strong foundation in **HTML, CSS, JavaScript, and React**. Proficient in building responsive, user-friendly web applications using modern tools like **Redux, TypeScript, and Tailwind CSS**. Experienced in integrating **REST APIs** and developing reusable components for scalable projects. Also familiar with backend technologies such as **Node.js, Express.js, and MongoDB**, enabling smooth frontend-backend integration. Passionate about clean code, performance optimization, and delivering seamless user experiences.

Skills

Languages: HTML, CSS, JavaScript, PHP, SQL, Typescript

Technologies: React, Express, MongoDB, WordPress, Wagtail, AWS, RESTful API, Next.js, Git, GitHub, Tailwind, Payload, Figma, Redux, Typescript

Soft Skills: Problem-Solving, Effective Communication, Teamwork & Collaboration, Attention to Detail

Experience

FullStack Development Intern, HiddenLayer Network Pvt. Ltd – Kathmandu August 2024 – Present

- Developed and optimized a responsive, user-friendly portfolio website using WordPress as the backend, ensuring a seamless UI/UX.
- Engineered and maintained the **ApplyLeap platform**, leveraging **Wagtail CMS** for structured content management, improving content update efficiency by **40%**.
- Deployed and maintained ApplyLeap on AWS, utilizing S3 for frontend hosting, EC2 for backend services, and ensuring 99.9% uptime, high availability, and a scalable architecture.
- Integrated modern frontend technologies with the backend API, achieving seamless data flow and improved performance.
- Configured **SSL certificates and CloudFront** for secure HTTPS connections, enhancing website security and load times.

Assistant Website Manager, Thames International College – Old Baneswor April 2023 – November 2023

- Identified, tracked, and reported website bugs, ensuring timely resolution and improved site functionality.
- Assisted in implementing SEO improvements that increased organic search traffic by 30% within 3 months.
- Optimized website performance through technical enhancements and SEO best practices, leading to faster load times and better search engine visibility.

Education

Thames International College, Bachelor of Computer Applications April 2020 – July 2025

- GPA: 3.5/4.0 (Current Average)
- **Coursework:** Data Structure and Algorithms, Cloud Computing, Database Management

Projects

Applyleap Website

- *Description:* Designed and developed a fully responsive website using **React** for the frontend and **Payload CMS** for the backend. Implemented a custom subdomain for the backend and deployed the application on **AWS**, with

the **frontend hosted on S3** and the **backend on EC2**. Integrated **CloudFront** and **SSL certificates** to enhance security, optimize performance, and ensure scalability.

- Key Technologies: **React, Tailwind, Next.js, Payload CMS, AWS (EC2, S3), SSL, CloudFront**
- Live Website: <https://applyleap.com>
- Github: github.com/Rajan123stha/applyleap

Student Study Point

- *Description:* Developed a full-stack web application that empowers students to access academic resources including **notes, syllabus, and previous year question papers**. Planned and implemented a **role-based admin dashboard** to upload and manage content. Incorporated **advanced search** and **filter functionality** to enhance resource discoverability based on subject, semester, and type.
- Key Technologies: **React, Tailwind, Supabase, Typescript**
- Live Website: <https://victorious-grass-0ae22da1e.6.azurestaticapps.net/>
- Github: github.com/Rajan123stha/student-study-point

Portfolio Website

- *Description:* Designed and customized a reusable **WordPress theme**, enabling users to easily manage personal details (name, experience, and skills) via the WordPress backend. The website effectively showcased projects and expertise, providing a seamless, user-friendly, and editable experience.
- Key Technologies: **WordPress, HTML, CSS, JavaScript, WordPress Theme Development**
- Live Website: <https://lemonchiffon-caribou-673567.hostingersite.com/>

Youtube Comment Sentiment Analyzer

- *Description:* **Engineered** a web-based sentiment analysis tool for YouTube comments, with the frontend built using **React** and the backend powered by Python. The system can analyze 1,000+ comments using **Naive Bayes Algorithm** with **85%** classification accuracy.
- Key Technologies: **React, Python, Naive Bayes, Sentiment Analysis, RESTful API**
- Github: github.com/Rajan123stha/comment-sentiment-analyser
- Live Site: <https://proud-beach-0f5f24200.6.azurestaticapps.net/>

Resume Analyzer Tool

- *Description:* Built a smart web-based tool that compares user resumes with job descriptions to identify **missing keywords** and provide **actionable suggestions** for improvement. Leveraged **natural language processing (NLP)** techniques to parse resume content and extract relevant skills and experience.
- Key Technologies: **React, Tailwind, NLP, Python, Flask**
- Github: <https://github.com/Rajan123stha/resume-analyzer>
- Live Site: <https://victorious-mud-03e11ed00.6.azurestaticapps.net/>

Certifications and Training

- **React Course – Meta (Coursera)**
Completed a hands-on course focused on building modern web applications using React. Topics included components, props, state, hooks, routing, and state management with Redux.
Certificate: [View Certificate](#)
- **UI/UX Design Training**
Gained practical knowledge in creating user-friendly and visually appealing designs focused on enhancing the user experience.