

# Aditika Singh

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With expertise in frontend development, I specialize in HTML, CSS, JavaScript, and React.js. Driven by a passion for hands-on learning, I consistently practice my skills and gain practical experiences to fuel my growth.

## EDUCATION

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### Tribhuvan University (TU)

#### Prime College

Bachelor of Science in Computer Science and Information Technology

Khusibu, Kathmandu

May 2021 - September 2025

### Little Angels' College

#### Higher Secondary Level

Hattiban, Lalitpur

July 2018 - Mar 2021

## PROJECTS

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### BizMap – Web GIS Platform

Tech Stack: React.js, Tailwind CSS, MapLibre, Postman, GitLab

- Built an interactive Web GIS platform using React.js, Tailwind CSS, and MapLibre with dynamic maps, dashboards, file-upload mapping, and multi-level visualizations (financial charts, hazard heatmaps, demographic data)
- Implemented secure role-based access for Admins, Supervisors, and Branch Managers, enabling user management and data-driven decision-making through filtered geographic insights.

### eSewa Area Representative System

Tech Stack: React.js, Tailwind CSS, MapLibre, Postman, GitLab

- Built responsive AR, Supervisor, and Admin interfaces with React.js/Tailwind, integrating APIs for login, task management, check-in/out, and real-time/offline route tracking.
- Implemented secure JWT authentication and optimized UI for merchant verification, task updates, and performance.

### Swachgyan - Waste Management Project

Tech Stack: [React.js](#), Tailwind CSS, GitHub, Vercel

- Created an interactive website teaching kids about waste segregation.
- Won the Tech LeadHers program organized by Aaviyanta Foundation and KMC Ward No. 17.

### Arogya – PCOS Detection System

Tech Stack: React.js, Flask, CNN, MobileNet

- Built a user-friendly React.js frontend with routing and image upload to process ultrasound images for PCOS detection
- Integrated the frontend with a Flask backend running a MobileNet-based CNN for seamless result retrieval.

## WORK EXPERIENCE

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### Junior Frontend Engineer | F1Soft (Galli Express) – Kathmandu

November 2024 – Present

- Worked on internal projects, including eSewa AR System and BizMap, building responsive UIs and interactive data visualizations using React.js, Tailwind CSS, and MapLibre.

- Contributed to Galli Maps by improving map-based workflows and redesigning the website for a cleaner, modern user experience.

#### **Frontend Engineer Intern | Khatra Tech – Kathmandu**

September 2024 – November 2024

- Learned and applied modern front-end development practices using React.js and Tailwind CSS.
- Converted Figma UI designs into responsive, component-based interfaces under the guidance of a mentor.
- Participated in code reviews, debugging sessions, and team sprints to understand real-world development pipelines
- Gained hands-on experience with Git and GitHub for version control, branching, and collaborative workflows.

## **SKILLS**

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### **Technical Skills**

- Frontend Development: HTML, CSS, JavaScript, React.js, Tailwind CSS, Material UI, MapLibre
- UI/UX Design: Figma
- Tools and Technologies: Git, GitHub, GitLab, Postman, Jest, Storybook, Zustand

### **Soft Skills**

- Effective communication
- Leadership
- Problem-Solving
- Adaptability

## **LEADERSHIP / PARTICIPATION**

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### **Director, Prime IT Club**

September 2023 - Present

- Successfully organized the Shri Jay Memorial ICT Cup 2025, bringing together 16 IT companies for the event.
- Took the lead in organizing ICT Meetup V7.
- Participated in a Round Table Discussion on Women's Day with WIIT ( Women in Information Technology).
- Completed workshops on Graphic Designing, Technical Writing, Git, and GitHub.

### **Fellowship, Tech LeadHers cohort' 2024**

February 2024 - June 2024

- Participated in a 6-month journey with Tech LeadHers, which included a 10-day bootcamp covering React.js, Node.js, MongoDB, and design thinking.
- Facilitated a workshop on waste management for Grade 5 students at Kanya Mandir School.
- Led a project on the theme "Waste Management" for Ward 17, with two teammates.

## **AWARDS AND ACHIEVEMENTS**

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### **Winner, Tech LeadHers Program 2024**

June 2024

- Developed and led the Swachhgyan project on waste management, winning the Tech LeadHers program.
- Received the Best Banner Award and was awarded as the Most Hardworking Participant.