

SWEKSHA DHUNGANA

COMPUTER ENGINEER

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SUMMARY

I am a computer engineer specializing in web development. My experience includes building responsive applications with React.js, JavaScript, and modern frameworks, as well as integrating APIs and optimizing system performance. Skilled in debugging, Agile collaboration, and UI/UX design, I focus on delivering scalable, efficient, and user-friendly web solutions.

TECHNICAL SKILLS

 HTML5	 Express	 MongoDB	 Git
 CSS	 Nextjs	 PostgreSQL	 Github
 Tailwind	 React	 MySQL	 Postman
 JavaScript	 Tanstack Query	 Prisma	 Docker
 TypeScript	 Zustand	 Mongoose	 AWS
 Nodejs			 Cypress Testing

PROFESSIONAL EXPERIENCE

Entry-Level React Developer | Techart Trekkies

Uttardhoka, Lazimpat | May 2025 - January 2026

- Upgraded and optimized HRMS and School Management Systems using React.js, improving performance, scalability, and user experience.
- Collaborated with the team to debug, maintain, and modernize applications, ensuring smooth functionality and code quality.
- Gained practical experience in front-end development, testing, and system maintenance, enhancing stability and usability of applications.

Front-end Development Intern | Techart Trekkies

Uttardhoka, Lazimpat | March 2025 - May 2025

- Designed and implemented features for a task management app and a movie streaming site using React.js and JavaScript, focusing on dynamic tasks, browsing, and responsive UI.
- Collaborated in an Agile team, using Git/GitHub for version control, and applied React hooks, props, and state to build reusable interactive components.
- Fixed bugs and tested applications across browsers, ensuring smooth functionality and reliable performance.

EDUCATION

Khwopa Engineering College

Bachelors in Computer engineering

2019-2024

Araniko Awasiya +2 Science Programme

Higher Secondary Education Board (HSEB)

2018-2019

Bal Kalyan Vidya Mandir Secondary School

Higher Secondary Education Board (HSEB)

2017

PROJECTS

Appointment Booking System

- Built a system with HTML, CSS, JavaScript, PHP, and MySQL for users to book appointments with date and time selection.
- Implemented client-side validation and server-side processing.

Emotion Detection System

- Developed a real-time emotion detection system using Python, OpenCV, and TensorFlow.
- Recognizes human emotions through facial expressions for applications like human-computer interaction and market research.

Assembly-Endgame

- Developed a Hangman-style word-guessing game using React, implementing state management with useState for game logic and UI updates.
- Integrated dynamic UI features, including a virtual keyboard, animated confetti on victory, and multilingual farewell messages using clsx for styling.

Jobora | FullStack Job Tracker

- Built a full stack job tracking app with Nextjs, Typescript, Prisma, PostgreSQL, and NextAuth including secure authentication, protected APIs and Kanban dashboard with CRUD, filtering and drag and drop status updates.
- Added an AI powered resume analyzer that extracts texts from uploaded PDFs and compares resume against job descriptions using the OpenAI API with validation, timeout handling and fallback analyzer.

Movie Listing Web App

- Built a movie listing web app with React.js, using the TMDB API to show updated movie details such as posters, ratings, and descriptions.
- Designed a responsive interface with React hooks and conditional rendering, making the app smooth to use on both desktop and mobile devices.

ThinkBoard

- Build a full-stack MERN note-taking application that allows users to create, view, edit, and delete notes through a simple and responsive interface.
- Built RESTful APIs with Node.js, Express, MongoDB, and Mongoose, and improved reliability by integrating React Router, Axios, and Upstash Redis rate limiting for smooth navigation, efficient data handling, and better security.

Shopping Website

- Developed a responsive e-commerce website using Next.js, React, TypeScript, and Tailwind CSS, ensuring a smooth user experience across desktop and mobile devices.
- Built reusable UI components such as product cards, banners, testimonials, and navigation sections, which improved maintainability and supported future feature expansion.