SUBED SHAH

📞 +977 9864398706 | ✉ subedshahxi@gmail.com | 🐙 newcodesubed | 💼 subed

SUMMARY

Computer Engineering graduate (2025) with a strong interest in web development and a passion for problem-solving. Eager to apply my skills and grow in a collaborative environment. Always seeking to improve through hands-on experience.

WORK EXPERIENCE

Software Engineering Intern — Arbyte

1. Designed, developed, and implemented software solutions with a focus on JavaScript technologies.
2. Actively participated in coding, testing, and deployment processes.
3. Troubleshot and debugged software issues, particularly within JavaScript applications.
4. Continuously learned and applied new technologies and methodologies relevant to modern web development.

PROJECTS

Worldwise │ React.js

Single Page Application (SPA) built with React. Lets users track places they've visited using interactive maps.
Actions Performed:

1. Use of Link and NavLink for route navigation
2. Storing state in URL and using dynamic routes with URL parameters
3. Making state global using Context API
4. Interacting with maps (e.g., selecting locations or displaying markers)
5. Managing complex state using useReducer
6. Implementing user authentication (login)
7. Performance optimization using useMemo and useCallback

UsePopCorn │ React.js

Movie search app that fetches data using APIs. Displays movie descriptions and IMDb ratings. Built with React, useEffect, and custom hooks.
Actions Performed:

1. Creating and using reusable components
2. Fetching data from APIs
3. Synchronizing multiple queries and dependent data fetching
4. Adding loading states and handling errors gracefully
5. Using and creating custom hooks for reusable logic

The Wild Oasis | React.js, Supabase

A full-featured hotel management dashboard application built with React and styled-components. It integrates Supabase as the backend for data storage and authentication.

Actions Performed:

- Created reusable UI elements using styled-components for consistent styling across the app
- Integrated Supabase: created database tables, applied Row-Level Security (RLS), and connected backend to React frontend
- Used React Query to fetch and mutate data with automatic caching and refetching
- Abstracted React Query logic into custom hooks for cleaner and reusable code
- Implemented form validation and error handling to improve user experience during CRUD operations

Atomic Blog | React.js

A blog app that displays posts in card format. Features add, delete, and archive functionality. Built using React Reducer and performance optimization techniques.

Actions Performed:

1. Created and used Context API for global state management
2. Applied optimization techniques (e.g., useMemo, useCallback) to prevent re-creation on every render
3. Handled form submissions and managed form state effectively

Money Minder | HTML, CSS, JavaScript, Django

Daily expense tracking app built using HTML, CSS, and JavaScript for the frontend, with Django for the backend. Helps users manage and monitor their spending habits.

Travel Tracker | Express.js, PostgreSQL

This is a travel tracking web application built with Express.js and PostgreSQL. It allows users to log and view the countries they have visited. Each user can have a personalized profile with a unique color theme. The app supports adding new users, storing travel history, and dynamically displaying user-specific data using EJS templates.

Actions Performed:

1. Set up an Express.js server with routing and middleware.
2. Connected to a PostgreSQL database using the pg library
3. Fetched and displayed data dynamically using EJS templating
4. Implemented route handling for GET and POST requests
5. Handled form submissions to add visited countries and create new users
6. Used parameterized SQL queries to prevent SQL injection
7. Dynamically rendered user-specific data and UI color customization

LyricScore | Python

Python-based application that converts musical sheet images into audio using template matching techniques. Designed to assist visually impaired users in learning music by translating notes into sound.

SKILLS

HTML
CSS
Git
Redux

JavaScript
React.js
Express.js
Supabase

Node.js
PostgreSQL
Tailwind
Docker

EDUCATION

Bachelor in Computer Engineering — Expected 2025

Sagarmatha Engineering College

High School — GPA: 3.05

Prasadi Academy

School Level — GPA: 3.75

Gyankunja Higher Secondary School

ADDITIONAL INFORMATION

Languages: Nepali, English, Hindi.
Social Activities

- Public Relations Coordinator (PRC) at COESIS (Computer Engineering Society in Sagarmatha)
  Actively involved in promoting events, managing communication, and enhancing engagement within the student community.

- Sub-Coordinator at Sagarmatha Tech Fest
  Contributed to event planning, coordination, and execution; supported logistics and participant management during the tech fest.