

Ayush Bharti Thakali

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About Me

As a motivated and dedicated computer engineering graduate, I have successfully completed my degree. I have built a strong foundation in web development and core programming languages through both academic learning and hands-on projects. My interest lies in building dynamic, user-friendly web applications, and I am eager to expand my technical expertise while continuously refining my skills and staying updated with the latest technologies.

Skills

Programming Languages: JavaScript, C/C++, Python (Basic)

Frontend: HTML, CSS, Tailwind CSS, React, Framer Motion (Basic)

Backend: Node.js, Express.js

Frameworks: Next.js

Database: MySQL, SQLite, PostgreSQL

Version Control: Git, GitHub

Projects

SB Associates – Chartered Accountant Website

Developed a modern, fully responsive website for a Chartered Accountant firm based in Pokhara, Nepal.

- Built the website using Next.js for high performance, server-side rendering, and improved SEO.
- Designed using Tailwind CSS, ReactBits and ShadCN for interactive UI and animations.
- Integrated JWT-based authentication for admin login and session security.
- Integrated EmailJS for contact forms and interactive features.
- Added a MongoDB-powered blog system for posting, reading, and managing articles.
- Live demo: <https://www.sbsthakali.com.np/>

DapsBid

A decentralized web application for secure and transparent online voting using blockchain technology.

- Led the frontend development using React and styled it with Tailwind CSS for responsive design.
- Collaborated with backend team to integrate MetaMask wallet support and Solidity smart contracts
- Gained experience working in a team environment, enhancing communication, coordination, and research skills throughout the project's development.

HisabKitab – Expense Tracker

A simple and responsive expense tracking web application built with ReactJS and Tailwind CSS, designed to help users manage personal finances effectively.

- Developed dashboard to display total balance, income, expenses, recent transactions, and an income vs. expense bar chart using Chart.js.
- Built transaction management system allowing users to record, update, and remove transactions.
- Integrated json-server with a local db.json file to simulate backend database operations.
- Ensured full responsiveness for seamless usage across devices.

Authentication App (JWT + Bcrypt + Express)

A secure authentication system with frontend and backend integration, built using Node.js, Express, and React.

- Implemented user signup/login with password hashing (Bcrypt) and JWT-based authentication.
- Added protected routes with token verification middleware and logout functionality.
- Structured project with .env support, React (Vite) frontend, and Express backend for scalability.

Education

Bachelors in Computer Engineering | 2021-2025 AD

Kathmandu Engineering College (Tribhuvan University), Kathmandu

74.08 %, First Division

HSEC in Science | 2018-2020 AD

Gandaki Boarding School, Pokhara

3.24 CGPA

Secondary Education Examination | 2018 AD

Gandaki Boarding School ,Pokhara

3.8 GPA

Relevant Coursework

- Web Programming
- Computer Networks
- Database Management System
- Object Oriented Programming in C++
- Software Engineering
- Operating System
- Data Structures and Algorithms

Certifications and Trainings

- JavaScript Bootcamp Certificate -KEC IT Club
- Python Bootcamp Certificate -KEC
- Responsive Web Design Certificate-freeCodeCamp
- JavaScript Algorithms and Data Structures Certificate-freeCodeCamp

Languages

- Nepali (Native)
- English(Fluent)