

SARTHAK GAUTAM

Kathmandu, Nepal

☎ +977-9843619330

✉ sarthakgtm175@gmail.com

🐙 [imSarthakGautam](https://github.com/imSarthakGautam)

🌐 [imsarthakgautam](https://imsarthakgautam.com)

Summary

Passionate and Detail-oriented Developer with a strong foundation in programming, full-stack web development, and machine learning. With a focus on building scalable, user-centric applications, I thrive on solving complex challenges, managing time effectively, and collaborating seamlessly in diverse teams.

Technical Skills

Programming Languages: JavaScript, TypeScript, C/C++, HTML/CSS, Python, Java (basics)
Web Development: HTML, CSS, JavaScript, TailwindCSS
Full Stack Web Development: MERN stack (MongoDB, Express.js, React, Node.js), Frameworks like Django and Flask
Database Management: MySQL, SQLite, MongoDB
Software Development: Object-Oriented Programming (OOP), Version Control (Git, GitHub)
Machine Learning and Artificial Intelligence: Scikit-Learn, PyTorch, Pandas, Numpy, Transformers
Soft Skills: Communication, Co-ordination, Teamwork, Time management, Documentation (LaTeX)

Education

St. Xavier's College

Plus-Two, Science

2017 – 2019

Maitighar, Kathmandu, Nepal

Lalitpur Engineering College

Bachelor in Computer Engineering

2020 – 2024(still running)

Chakupat, Lalitpur, Nepal

Projects

JobsJunction: A full Stack Web Application | MongoDB, ExpressJs, NodeJS, React

July 2023

- Developed a comprehensive job listing platform using the MERN Stack (MongoDB, Express.js, React, Node.js).
- Implemented features include user authentication, job posting, job search functionality, and real-time notifications.
- Integrated RESTful APIs and designed a responsive UI/UX to ensure compatibility across various viewports.

AuthApplication: An Advanced Authentication System | MERN, TailwindCSS, Zustand

October 2024

- Developed a secure MERN-based authentication system with features like JWT-based user authentication, email verification, password recovery, and protected routes.
- Integrated Mailtrap for email notifications and optimized the frontend using React, Tailwind CSS, and Zustand.

Book Recommendation System | Python, Django, SQLite, kNN

January 2024

- Created a functional book recommendation system using Django Framework with kNN.
- Provided personalized book recommendations based on user preferences and historical data, utilizing kNN as the core algorithm.
- Incorporated features for suggesting and searching books based on popularity, authors, and genres, while managing large datasets of users, books, and ratings in SQLite.

Food Delivery Application: SSR BE application | Node, Express, MongoDB, ejs

October 2024

- Built a food delivery application using Node.js, Express, and MongoDB with server-side rendering via ejs.
- Incorporated features like user authentication, cart management, order processing, and an admin panel for shop owners to manage products, aided by RESTful APIs.

Blogwrite: A blog application | React, Redux Toolkit, Appwrite

August 2024

- Built a full-stack blog app using React, Redux Toolkit (RTK), and Appwrite BaaS.
- Features include user authentication, dynamic secured and authentication-protected routing with React Router.
- Integrated rich text editing with TinyMCE and implemented CRUD operations for posts, React-Hooks-Form for form handling, and file upload management for featured images.

Certificates

- JavaScript Algorithms and Data Structures (freeCodeCamp)
- Machine Learning with Python (IBM)
- Secure Programming with Java (EC-Council)
- Python for Data Science, AI and Development (IBM)