

EDUCATION

Bachelor Of Computer Science (Honours)

Aryabhatta College, University Of Delhi

2022 - 2026

Senior Secondary (XII), Commerce

Bal Bhavan Public School

(CBSE board)

Year of completion: 2022

Percentage: 75.00%

Secondary (X)

Bal Bhavan Public School

(CBSE board)

Year of completion: 2020

Percentage: 87.00%

PROJECTS

Java Electronic Trading Matching Engine

Mar 2023 - Jun 2024

<https://github.com/sambhav874/ElectronicTrading>

This trading platform lies a sophisticated Java-based stock matching engine, a culmination of numerous interactions and collaborative meetings. Orchestrating seamless trade execution, this engine interacts within the financial landscape using the renowned FIX protocol, ensuring transaction integrity and reliability. FIX (Financial Information eXchange) protocol, the industry-standard messaging framework, facilitates real-time communication among market participants. Operating in a multithreaded environment, this engine employs parallel processing for efficient trade execution. It concurrently processes multiple incoming orders, ensuring rapid and precise trade matching while maintaining trading process consistency. Notably, I contributed to this project, which was led by my cousin. This collaborative endeavor underscores our dedication to offering traders a dependable, high-performance platform for accurate trade execution.

An Ecommerce Website

Jan 2024 - Apr 2024

<https://github.com/sambhav874/UrbanZeal>

This e-commerce website project, developed using Next.js, MongoDB, Tailwind CSS, OAuth authentication, React.js, GSAP, and AWS, showcases a modern and

responsive online shopping platform. It features secure user registration and login with OAuth (Google), a dynamic product catalog, a persistent shopping cart, and a streamlined checkout process, though no payment gateway is integrated. The site includes an admin dashboard for managing products, orders, and users, and employs GSAP for interactive animations. Deployed on Vercel, the project ensures fast load times and a consistent user experience across devices.

Portfolio Using MERN

Jan 2024 - Jan 2024

<https://sambhavj874.netlify.app/>

This portfolio website project, built using the MERN stack (MongoDB, Express.js, React.js, and Node.js), showcases a developer's professional skills, projects, and achievements in a modern and interactive way. The site features a dynamic and responsive design, enabling users to easily navigate through different sections such as About Me, Projects, Skills, and Contact. MongoDB serves as the database to store project details and user messages, while Express.js and Node.js provide a robust backend to handle API requests and server-side operations. React.js ensures a smooth and engaging user interface, enhancing the overall user experience. The site is designed to be easily maintainable and scalable, reflecting the developer's proficiency in full-stack web development.

SKILLS

Python Intermediate	Amazon Web Services (AWS) Beginner
Computer Networks Intermediate	Ethical Hacking Intermediate
Database Management System (DBMS) Intermediate	Flask Beginner
GitHub Intermediate	HTML&CSS Advanced
Java Intermediate	JavaScript Intermediate
MEAN/MERN Stack Intermediate	Microsoft Azure Beginner
MongoDB Intermediate	Next.js Intermediate

ReactJS

Intermediate

REST API

Beginner

MySQL

Intermediate

**English Proficiency
(Spoken)**

Intermediate

Linux

Intermediate

Tailwind CSS

Advanced

C++ Programming

Intermediate

Node.js

Intermediate

**English Proficiency
(Written)**

Advanced

WORK SAMPLES**Blog link**

<https://sambhavj874.netlify.app>

GitHub profile

<https://github.com/sambhav874/My-PortFolio>

Other portfolio link

<https://sambhavj874.netlify.app>