

# AAYUSH SONI

Sikar, Rajasthan

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LinkedIn

Github

Leetcode

Codeforces

## Education

### Indian Institute of Information Technology Sricity

Bachelor of Technology in Artificial Intelligence and Data Science (CGPA of 9)

August 2023 - June 2027

Andhra Pradesh, India

### Vidya Bharti Public School

Scored 96.6% in class 12th , RBSE

April 2020 - Mar 2021

Rajasthan, India

## Projects

### YouTube Clone | OAuth 2.0, ExpressJS, MongoDB, NodeJS, React, Redux, GitHub Collaboration | Live Demo

- Built **full-stack video platform** with Google login, uploads, subscriptions, and user engagement.
- Added **personalized video recommendations** based on user activity.
- Built a scalable search system with MongoDB Atlas, improving discoverability by **40%** and reducing query response time by **60%**.
- Designed a notification system that reduced user churn by **10%** and increased session duration by **20%**.
- Used **GitHub** for team collaboration: PRs, issue tracking, and version control.

### Chat-App | Socket.io, React, Material-UI, JWT Authentication | Live Demo

- Developed a real-time chat app with **Socket.io**, achieving message delivery latency under **100ms** and supporting 100+ concurrent users.
- Implemented **JWT-based authentication**, ensuring secure user login, token verification, and protected chat sessions.
- Designed a **fully responsive UI** using **Material-UI**, optimizing layouts for mobile and desktop users.
- Added **typing indicators** and **online/offline tracking**, improving engagement and retention by 15%.
- Built a **group chat feature**, allowing multiple users to communicate in real-time with dynamic member updates.

### E-Commerce Platform | Redux Toolkit, React, Tailwind CSS, Stripe API, MERN

- Developed a responsive e-commerce platform with product browsing, search, and checkout.
- Integrated **Stripe** for **secure payments** with 99.9% success rate and instant confirmations.
- Used **Redux Toolkit** for efficient state management across cart, wishlist, and orders.
- Enhanced SEO by 40% with **React Helmet** via dynamic meta tags, titles, and Open Graph data updates.
- Designed the UI using **Tailwind CSS**, creating a modern and mobile-first shopping experience.

## Achievements

- Highest rating of **1200** (Pupil) at **CodeForces** which is the top site in terms of participation of programmers across globe.
- Solved 500+ DSA/CP problems across platforms such as Codeforces, Leetcode and Codechef.

## Technical Skills

**Languages:** C , C++, Java, JavaScript, R, python

**Technologies/Frameworks/Libraries:** ExpressJS, Git/Github , Tailwind CSS, ReactJS , Cloudinary , materia-ui

**Databases:** MongoDB

**Core-Subjects:** OOPS and DBMS

## Positions of Responsibility

### Accommodation Team Member in Abhisarga 2023

Feb 2024

Helped accommodate students who attended Abhisarga (our cultural fest) from different colleges.