

# ARYAN KANSAL

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## Education

### Delhi Technological University

Bachelor of Technology in Software Engineering

August 2024 – July 2028

### Adarsh Public School

Senior Secondary Education — CBSE

April 2010 – March 2024

## Experience

### Winter of Code - IIIT Kalyani, GDG

Jan 2025 – Feb 2025

Open Source Contributor - [Retro](#)

Remote

- Added various features such as a **dark theme toggle** functionality for the entire website using **js** and **bootstrap**, fixed various bugs, etc.
- Optimized the overall code for better **time complexity** and **functionality**.

### Maharaja Agrasen Bhawan (V.K.S)

May 2024 – Present

Database Engineer

New Delhi, India

- Managing the **Database** of the organisation using **mySQL** and **Excel**, providing an admin interface using **python** for easy altering, updating the database and making it optimized.
- Managing **Public Relations** of the organization.

## Technical Skills

**Languages:** JavaScript, C/C++, Python, SQL

**Technologies/Frameworks:** Bootstrap, jQuery, React, Node.js, Express.js, EJS, RESTapi, Firebase, JWT, passport.js, socket.io, mongoose, PyQT

**Databases :** mySQL, Neon, postgresSQL, mongoDB

**Developer Tools:** VS Code, Git/Github

## Projects

### SafeConnect |

Node.js, Express.js, MongoDB, Leaflet.js, JWT, Firebase Auth, Bootstrap


- SafeConnect is a **women's safety application** with **real-time SOS alerts**, Aadhaar-based user verification, and secure communication with nearby volunteers and authorities.
- Implemented a toggleable **feed/map view** where users can **report, comment, upvote, or verify incidents**, with a backend system for **volunteer-led validation**.
- Developed **heatmap-based visualizations** using Leaflet.js, safe route planning, and integrated OAuth 2.0 and Geolocation API for accurate response dispatch.

### SociaLive |

React, Node.js, Express.js, Bootstrap, MongoDB

- SociaLive is a **Social Media Webapp** that allows you to host events or join them and allows people with **similar interests** to get along with each other.
- Any event like house parties, sport event, etc. can be organized and constraints can be added for people to control who all can join it.

## Achievements

- Completed **Data Structures and Algorithms** in **C++** and solved **200+ questions** on leetCode, codeforces, and other competitive programming platforms.
- Participated in various hackathons like **HackCBS 7.O**, **BrainWave**, etc. 

## Leaderships & Volunteering

### Fresources - DTU

Sep. 2024 – present

Academic Manager

DTU, Delhi

- Managing the admin portal of [fresources.tech](https://fresources.tech) and trying to improve the overall academic resources of the website.