Kavya Arora

+916395875650 @ bkkavya.741736@gmail.com

Education

CHANDIGARH UNIVERSITY
MCA [Computer Science]
2026 Mohali, Punjab
- **Appearing**

SHREE RAM COLLEGE
BCA [Computer Science]
2024 MZN, U.P.
- **CGPA**: **7.3**

M.G. PUBLIC SCHOOL
- CBSE(12): **74.4%** | 2020
- CBSE(10): **81.2%** | 2018

Links

Leetcode: **Kavya_Arora**
Linkedin: Kavya Arora

Note: click on above handles to visit the profiles.

Skills

PROGRAMMING
- **Golang- Go Programming**
- **Git**
- **Kafka**
- **Docker**
- **Java**
- **MySQL**
- **MongoDB**
- **HTML**
- **CSS**
- **Redis**
- **Data Structures**
- **Algorithms**
- **Problem Solving**

OPERATING SYSTEM
- **Linux**
- **Windows**

Personal Projects

MINESWEEPER A classic puzzle game implementation
- A recreation of the traditional Minesweeper game, where players uncover tiles while avoiding hidden mines.
- Features customizable grid sizes and difficulty levels.
- Developed with efficient algorithms to ensure random mine placement and optimal game performance.
- Includes a timer and a flagging system to mark suspected mines.

YOUTUBE API A custom API to interact with YouTube features
- Built with Golang, using MongoDB as the database.
- JWT authentication middleware with login/logout routes and user creation.
- Rate limiting using Redis to prevent race conditions and OTP generation with Redis.
- Fuzzy search implemented using text indexing on video title and description.
- Indexed on ‘publishedAt‘ for fetching sorted video data based on the published date.
- Containerized using Docker; MongoDB and the application containerized via Docker Compose.
- RabbitMQ used for distributed batch processing and reducing server/database load.
- Pagination implemented on GET endpoints.

PROJECT TSP Algorithmic solution for TSP optimization
- A project that uses travelling salesman problem and denomination problem to help a milkman deliver his dairy products across cities