

# UTSAV SINGLA

301/5 No. New Toen, Moga

☎ 6284686994

✉ [utsavsingla2005@gmail.com](mailto:utsavsingla2005@gmail.com)

🌐 [Linkedin](https://www.linkedin.com/in/utsav-singla_11)

[LeetCode.com/in/utsav-singla\\_11](https://leetcode.com/in/utsav-singla_11)

## Education

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**Dr. B.R. Ambedkar National Institute of Technology , Jalandhar**

**Nov.2021 - Present**

*Bachelor of Technology in Information Technology*

*CGPA : 8.01*

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** C++, Javascript, Typescript, Python, Java, Html, Css.

**Framework:** ReactJs, MongoDB, Node.js.

**Relative Coursework:** Data Structure Algorithms, Object Oriented Programming, Database Management System, Machine Learning.

**Developer Tools:** VS Code, Android Studio

**Area Of Interest:** Software Engineering, Data Structure Algorithm, Web Design

## Projects

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**Food Delievery Website** | *Html, css, Reactjs, Nodejs*

**January 2021**

- Curated an extensive database of restaurant menus and pricing for more than 200 eateries, enhancing the customer experience by enabling quick menu comparisons; the listing tool is now utilized by over 5,000 users monthly.
- Compiled comprehensive restaurant listings that included menus and prices for over 150 local establishments; improved user engagement by 40% and contributed to a 25% increase in site traffic within three months.
- Search and Filter by cuisine, location, or dietary preferences

**Gaming App** | *Data Structures and Algorithm , Android Studio*

**November 2020**

- Implemented 10 levels that enables users to win prizes.
- Games have Stunning Graphics
- Compatible, Fast Loading and Amazing Gameplay.

**Genetic Algorithm Optimization Framework** | *Data Structure and Algorithm , Html, Css*

**October 2020**

- Designed and implemented a genetic algorithm framework that processed over 100,000 data points, enhancing optimization outcomes and enabling data-driven decisions; framework is currently utilized by 8 project teams across the organization.
- Architected a comprehensive framework for solving complex optimization problems utilizing genetic algorithms, which reduced solution time by 40% and improved accuracy of results for 5 key projects over a 6-month period.
- Some Advanced Techniques like crossover, mutation and selection are used for optimzation.

## Coding Profiles

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- Leetcode : [utsavSingla\\_11](https://leetcode.com/utsavSingla_11)
- GFG : [utsavsymng](https://www.geogforgeeks.org/author/utsavsymng/)
- Codeforces : [UtsavSingla\\_1208](https://codeforces.com/profile/UtsavSingla_1208)

## Achievements

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- Solved 550+ Problems on Leetcode and 300+ problems on GFG
- Ranked 2113 in Weekly contest 407 and Scored 198 in GFG Weekly Rated Contest
- Ranked 2nd out of 200+ participants in college level hackerank contest
- Participated in Hackmol 4.0 and ranked in Top 50 out of 500+ Submissions