

# MOHAMMED AYAAN KHAN

Lucknow, Uttar Pradesh

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## EDUCATION

### KIIT University

*B.Tech - Computer Science and Engineering - CGPA - 8.78*

2021 – 2025

*Bhubaneswar, Odisha*

### City Montessori School

*12th ISC, Percentage: 91.75%*

*10th ICSE, Percentage: 90.6%*

2016-2020

*Lucknow, Uttar Pradesh*

## PROJECTS

### N Queens Visualizer | [HTML](#) , [CSS](#), [JavaScript](#), [Visualisation](#)

- The n-queens puzzle is the problem of placing N queens on an N x N chessboard such that no two queens attack each other.
- Given an integer N (user input) ,we will show all distinct solutions to the N-queens puzzle.
- This algorithm is designed using recursion and BackTracking.

### GeoDijkstra | [HTML](#), [CSS](#) ,[Javascript](#) , [LeafletJs](#)

- Developed a site in which we can add nodes on map and find the shortest distance between any two nodes as per choice using the Dijkstra's algorithm
- Real-time world map for adding nodes and edges.
- Display of shortest path and total distance between nodes.

### Currency Converter | [HTML](#), [CSS](#), [Javacript](#),[Exchangerate API](#)

- Developed a web application using HTML, CSS, and JavaScript that utilized the ExchangeRate API to convert currencies in real time.
- Engineered a user-friendly currency conversion feature enabling selection of source/target currencies, amount input, and real-time exchange rate display.

## ACHIEVEMENTS

- **Expert** on **Codeforces** (Highest Rating: 1635)
- **Knight** on **Leetcode** (Highest Rating: 2100)
- **4-star** on **Codechef** (Highest Rating: 1853)
- Solved over **2000+** problems on various coding platforms.
- Achieved global rank **481** in **Leetcode** Weekly Contest 399 among 25000+ participants.
- Achieved global rank **45** in **Codechef** Starters 84.
- Achieved global rank **382** in **Codeforces** Round 918.

## SKILLS

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

**Technologies/Frameworks:** HTML5, CSS3, Javascript, ReactJS

**Coursework:** Object-Oriented Programming, DBMS, Operating System, Computer Networks

**Developer Tools:** VS Code

## POSITIONS OF RESPONSIBILITY

### KodeWreck - Competitive Programming Society

Sep'23-Present

- **Coding Wing** Member having the responsibility of Conducting Workshops related to C++ and Competitive Programming.
- **Problem Setter** and **Tester** in Competitive Programming Contests organized by the society
- Managed to **organize** a Competitive Programming Contest in KIIT Annual Fest with more than **300 participants**