

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

Course Study | HTML, CSS, Javascript, ReactJS, MongoDB, ExpressJS

- Developed a comprehensive EdTech platform using the MERN stack (MongoDB, Express.js, React, Node.js).
- Implemented features like user authentication, authorization, course management, payment gateway integration.
- Integrated RESTful APIs for seamless communication between frontend and backend.

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), webpage will show all distinct solutions to the N-queens puzzle.
- This website is designed using algorithms such as 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.
- Display of shortest path and total distance between nodes.
- Real-time world map for adding nodes and edges.

ACHIEVEMENTS

- Expert** on **Codeforces** (Highest Rating: 1636)
- Knight** on **Leetcode** (Highest Rating: 2100)
- 4-star** on **Codechef** (Highest Rating: 1878)
- 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, ExpressJS, MongoDB

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

Developer Tools: VS Code, Github, Postman

POSITIONS OF RESPONSIBILITY

CodeWreck - 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**