

# Anurag Kumar

Bachelor of Technology (B.Tech)  
Electronics and Communication Engineering  
Motilal Nehru National Institute of Technology Allahabad


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## EDUCATIONAL QUALIFICATION


- **Bachelor of Technology** 06/2020 - 06/2024  
Motilal Nehru National Institute of Technology Allahabad  
Electronics and Communication Engineering  
CGPA: 8.11
- **Senior Secondary Examination** 07/2017 - 05/2019  
Jeevan Public School Motihari  
Central Board of Secondary Education (CBSE)  
Percentage: 88.4
- **Higher Secondary Examination** 04/2013 - 04/2017  
St. Xavier's High School Motihari  
Central Board of Secondary Education (CBSE)  
CGPA: 10.0

## PERSONAL PROJECTS

### Coder Pad Evaluation System

- Developed a microservices-based web app for evaluating candidates on database fundamentals using coding and MCQs, with Spring Boot backend and Angular frontend.
- Integrated Eureka for service discovery, load balancing, and centralized API communication for improved scalability and performance.
- Implemented role-based access for Admin, Data Admin, Test Admin, and Candidate, with scoring and test report.
- Ensured secure, isolated code execution with detailed error display.
- **Tools & Technologies:** Spring Boot, Angular, Eureka Server, MySQL.
- **Github Repository:**  Coder Pad Evaluation System

### Hierarchical Graph Solver

- Developed a Spring Boot application for managing hierarchical graph structures with features like pathfinding, depth calculation, and common ancestor identification.
- Built RESTful APIs for dynamic graph modifications (adding, updating, deleting nodes/relationships) with in-memory storage using JSON-based initialization.
- **Tools & Technologies:** Java, Spring Boot, REST APIs, JSON.
- **Github Repository:**  Hierarchical Graph Solver

## TECHNICAL SKILLS AND INTERESTS

**Programming Languages:** C, C++, Java

**Developer Tools:** HTML, CSS, JavaScript, Angular, MySQL

**Frameworks:** Bootstrap, Spring, SpringBoot

**Soft Skills:** Teamwork and collaboration, Problem-Solving, Time Management

## AREAS OF INTERESTS

- Data Structure and Algorithm, Web Development

## POSITION OF RESPONSIBILITIES

- **Mentor at Student Mentorship Program (SMP), MNNIT** 04/2023 - 05/2024
- **Coordinator of the ANTYODAYA:** 01/2023 - 05/2024  
Organising Events for the underprivileged students of nearby primary schools to show their talent.

## ACHIEVEMENTS

- **Achieved 7th Rank in Codotron** Team based Competitive Programming college event under Avishkar
- **6 star on hackerrank in Data Structure and Algorithms**
- **Solved more than 1200+ Data Structure and Algorithms problems.**
- **Rated 1700+ on Leetcode.**
- **Among top 10 students in Quintathalon** A placement based event in Avishkar 2022