

Abhishek Rana

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Education

Indian Institute of Information Technology Allahabad

B.Tech in Electronics and Communication

Expected July 2025

CGPA: 7.86

A.I.S.S.C.E (Class XII)

2020-2021, **Percentage: 96.2%**

EXPERIENCE

Corizo EduTech | *Corizo and Wipro Training and Internship*

- Implemented a robust analytics dashboard using existing APIs, displaying average attendance rates and detailed performance metrics; this initiative streamlined user feedback collection and is now utilized by over 200.
- Integrated comprehensive performance statistics into the user interface, showcasing attended sessions and total hours engaged; this enhancement improved user engagement by 40%.
- Developed and executed 15 JUnit tests to verify API functionality, ensuring reliable data accuracy and proper handling of edge cases and error conditions.

Projects

CODEHELP | *Express.js, Handlebars, MongoDB* | [Github](#) 🔗

- CODEHELP is a web application enabling users to post DSA-related questions and interview experiences.
- Google OAuth Login: Enables secure user authentication via Google accounts.

Classroom Reservation System - IIITA | *PHP, MySQL, HTML/CSS* | [Github](#) 🔗

- A portal for IIITA faculty members to reserve rooms for lectures, practicals, and examinations.
- Co-authored the portal using PHP and MySQL.
- Uses LDAP authentication to verify credentials.
- Designed the database and relations to store the information of rooms, bookings, and departments.

Land Cover Classification using PolSAR | *Sentinel-1 and Sentinel-2 Data, Sentinel Application Platform* | [Report](#) 🔗

- Leveraged PolSAR technology to enhance understanding of land cover dynamics.
- Implemented K-Means Clustering Algorithm to segment SAR images into distinct clusters based on intensity values.
- Implemented Automatic Thresholding to partition images into meaningful segments, facilitating targeted analysis and interpretation.

Relevant Courses and Technical Skills

Courses: Data Structures and Algorithms, Database Management and Systems, Object-Oriented Programming, Operating Systems, MIPS.

Languages: C/C++, SQL, JavaScript, PHP

Utilities and Databases: SQL Server, MySQL, PostgreSQL, Mongoose, MongoDB, Bash, Git/GitHub

Web Technologies: NodeJS, ExpressJS, HTML/CSS

Coding Profiles

Codeforces: (Expert) Highest Rating: 1828 – Best ranks 316, 526, 930 in Div 3 (962), Div 2 (904), and Div 3 (909) respectively. 🔗

Leetcode: Highest Rating: 1718 – Solved 500+ coding problems – 🔗

Interview Bit: Score: 60000+ – 🔗

Achievements

- Secured Team Rank of 673 in ICPC Kanpur Mathura Regional Round, 2022
- Ranked 6647 out of 10 lakh plus candidates in JEE Mains.
- Achieved Global Rank 1164 out of 22,000+ participants in Codeforces Round 832 (Division 2)
- Achieved Global Rank of 839 in Leetcode Bi-weekly Contest 107 (21,000+ participants)