

# Aakash Kundu

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in Linked-in    🐙 GitHub

## Education

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<b>National Institute of Technology, Kurukshetra, Haryana, India</b> <i>B.Tech, Information Technology, CGPA: 8.7</i>	<i>2022 - Present</i>
<b>Delhi Public School, Jind, Haryana, India</b> <i>Senior Education, 95.6 percentage</i>	<i>2021 - 2022</i>
<b>Delhi Public School, Jind, Haryana, India</b> <i>Primary Education, 95 percentage</i>	<i>2019 - 2020</i>

## Skills Summary

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- **Languages/Database:** C, C++, JavaScript, Python
- **Web Technologies:** HTML5/CSS3, ReactJS, NextJS, Tailwind CSS, MongoDB, ExpressJS, NodeJS, MySQL
- **Coursework/Subjects:** Operating System, Computer Networks, Data Structure and Algorithms, Object-Oriented Programming, Database Management Systems, Software Engineering, Machine Learning
- **Tools:** Git/GitHub, Tinkercad, VS Code
- **Soft Skills:** Communication, Problem Solving, Decision Making

## Projects

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<b>Room Booking Full-Stack Project</b> ◦ Developed a full-stack web application for room booking, implementing features for user authentication, room availability, booking management, and photo uploads. ◦ The project utilized technologies like React, Node.js, Express, MongoDB, and JWT for secure access, providing a seamless interface for users to browse and book rooms.	<a href="#">visit</a> <a href="#">🔗</a>
<b>Emotion-Based Song Recommender</b> ◦ Developed an AI-powered application that analyzes real-time facial emotions to recommend personalized music playlists. Utilized computer vision and emotion detection to assess user moods and deliver song recommendations via the YouTube API, enhancing user experience with mood-based music selection. ◦ Implemented using Python and Streamlit.	<a href="#">visit</a> <a href="#">🔗</a>
<b>Soil Moisture Detection IoT Project (Arduino-based)</b> ◦ Developed an IoT-based soil moisture detection system that monitors soil hydration levels for agricultural applications. ◦ Tools Used: C++, Arduino	<a href="#">visit</a> <a href="#">🔗</a>

## Certificates and Achievements

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- Certification of Responsive Web Design from FreeCodeCamp [LINK](#) [🔗](#)
- 3 Star (Highest Rating 1614) at CodeChef [LINK](#) [🔗](#)
- Solved 500+ coding problems on several platforms: Leetcode, GFG, CodeChef. [LINK](#) [🔗](#)

## Volunteer

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- **NSS (National Service Scheme):** Actively participated in community service activities, including organizing events and contributing to social welfare projects, aimed at empowering underprivileged communities.