

# Amit Kumar

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## Education

### National Institute of Technology, Kurukshetra

2021 – 2025

Bachelor of Technology in Information Technology (GPA: 8.54 / 10.00)

Kurukshetra, Haryana

- **Relevant Coursework:** Data Structures and Algorithms (C++), Object-Oriented Programming (OOP) Concepts (C++), Operating Systems, Database Management Systems (DBMS) (SQL), Software Engineering, Machine Learning

## Technical Skills

**Languages:** C++, Python, JavaScript, SQL, HTML, CSS

**Technologies/Frameworks:** React.js, Express.js, Node.js, MongoDB, RESTful APIs

**Version Control:** Git

**Soft Skills:** Problem Solving, Code Debugging, Analytical Thinking, Team Collaboration, Time Management, Public Speaking, Adaptability

## Experience

### SDE Intern

April 2024 - July 2024

THE INTERNS

Remote

- Implemented responsive design principles using HTML, CSS, and JavaScript to ensure optimal user experience across various devices and screen sizes.
- Collaborated with UI/UX designers to translate designs into functional and efficient code using React.js.
- Optimized applications for maximum speed and scalability, ensuring smooth user experience under high traffic loads.

## Projects

### Natural Language Translation Engine for Railway Stations | [github](#)

- Built a multilingual announcement system using NLP, ML, and real-time voice synthesis.
- Handled multilingual voice recognition with noise filtering for Indian railway environments.
- Integrated with IVRS, chatbots, and web portals for seamless language support.

### Earth Movers Online Booking | [github](#)

- Developed full-stack app using React.js, Node.js, Express.js, MongoDB, and Bootstrap.
- Created RESTful backend APIs to manage bookings, authentication, and pricing.
- Added secure login flow, admin panel for dynamic pricing, and responsive UI.
- Stored user booking data in MongoDB for history and management.
- Created an admin interface for price management, allowing authorized users to modify pricing information.

### Contact Manager App | [github](#)

- Created a secure CRUD-based contact manager using MERN stack.
- Ensured user privacy with secure API endpoints and data validation.
- Implemented responsive and intuitive interface for managing contact data.

## Achievements

- Successfully solved over 1500+ Data Structures and Algorithms problems on platforms such as [LeetCode](#), [GFG](#) and [Code Studio](#).
- Achieved a maximum contest rating of 1,678 on LeetCode.