

# DHANANJAY GUPTA

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[Linkedin](#)

[Github](#)

[Portfolio](#)

## Education

Indian Institute of Information Technology, Bhagalpur

Bachelor of Technology in Computer Science and Engineering

December 2021 – July 2025

CGPA:- 7.89(Absolute)

## Relevant Coursework

- Data Structures
- Algorithms
- Operating System
- Artificial Intelligence
- OOPs(C++)
- DBMS
- Computer Networks
- Machine Learning

## Projects

Railway Management System | *Backend*

January 2025 - February 2025

- Built the backend for railway management system with Node.js, Express.js, MySQL, handling 100+ trains.
- Prevented race conditions via SQL transactions, ensuring accurate seat bookings for 10,000+ passengers.
- Added role-based access with JWT Token and designed an admin key for enhanced security and data integrity.
- **Key Technologies/Tools:** Node.js, Express.js, MongoDB, JWT(JsonWebToken), Bcrypt.
- Source Code:- <https://github.com/djgupta7/Railway-Management-System>

Real Time Chat App — MERN Stack and Socket.IO

October 2024 - November 2024

- Engineered a real-time messaging system supporting 100+ concurrent users, with private and group chat functionality.
- Utilized WebSockets (Socket.IO) for instant message delivery, ensuring real-time communication for 50+ active users.
- Implemented secure user authentication with JWT and Bcrypt, managing up to 1,000 user accounts.
- **Key Technologies/Tools:** React.js, Node.js, Express.js, MongoDB, WebSockets (Socket.IO), JWT, Bcrypt and Git/Github.
- Source Code:- <https://github.com/djgupta7/RealTimeChatApp> - [Live Link](#)

Quiz App | *NodeJS, EJS*

December 2023 - January 2024

- Designed an interactive quiz platform with 100+ topics, enabling users to test their knowledge seamlessly.
- Integrated a real-time scoring system (0-100) and optimized user-friendly navigation for an engaging experience.
- **Key Technologies/Tools:** Node.js, EJS, JWT, MongoDB, Git/GitHub.
- Source Code: <https://github.com/djgupta7/Quiz-App> - [Live Link](#)

## Work Experience

Oasis Infobyte | *Certificate*

March 2024 - April 2024

Web Development intern

Remote

- Improved task efficiency by 20 percent by developing and testing four frontend projects using HTML, CSS and JavaScript.
- completed 4 diverse tasks, boosting productivity by 40 percent while working remotely.
- Completed internship early, achieving 95 percent satisfaction rating from supervisors.

## Technical Skills

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

**Frameworks/Libraries/Databases:** Node.js, Express.js, React.js, MongoDB, MySQL, Firebase

**Tools:** Visual Studio, VS Code, Jupyter, Sublime Text Editor, CodeBlocks, Git, Bitbucket, GitHub

**Technologies/Operating System:** Windows, Linux

**Coding Profiles:** [Leetcode](#) [GFG](#)

## Certifications

ServiceNow Certified System Administrator | [CSA](#)

ServiceNow Certified Application Developer | [CAD](#)

## Achievements / Extracurricular

- Solved **500+** Leetcode DSA problems, maintained a **peak at 1808 rating on Leetcode**.[Leetcode](#)
- Earned a 3-star rating (Max 1610) on codechef, demonstrating expertise in competitive programming.
- Secured **AIR 21st** in Job-A-thon coding competition by GFG.[Leaderboard](#)
- Achieved **71st rank** in Coderush Challenge 2023, a prestigious intra-college programming contest hosted by AlgoUniversity.
- Ranked **20th place** in Coderush Challenge 2024, a highly competitive coding contest by AlgoUniversity.
- **Computer Science Expert at Chegg**, provided expert guidance and 1,000+ precise solutions.[Certificate](#)
- Leveraged 2 years of trading experience in the Indian stock market, specializing in Technical and Market Analysis.
- Solved **1,200+** DSA problems on platforms like **Codechef**, **Codeforces**, **Leetcode**, **GFG**, **HackerRank**.