

# Dipesh Kumar

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 [GitHub](#)  [LinkedIn](#)  [LeetCode](#)

## EDUCATION

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**Institute of Informatics & Communication (IIC), DU**      **NOV, 2022 – JULY, 2024**  
*M.Sc. Informatics - 7.5 CGPA*

**Bhaskaracharya College of Applied Sciences, DU**      **SEP, 2019 – JULY, 2022**  
*B.Sc.(H). Instrumentation – 8.41 CGPA*

## SKILLS

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- **Programming Language:** C/C++ and Python
- **Databases:** MySQL, Mongo DB
- **Web Technologies:** HTML, CSS, JavaScript, Node.js, Express
- **Tools:** Git, GitHub, VS code, Postman API
- **Operating Systems:** Windows, Linux

## COURSEWORKS

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|--------------------------------|----------------------------|
| - Data Structures & Algorithms | - Computer Network         |
| - DBMS                         | - Cloud Computing          |
| - OOPS Concept                 | - Applied Machine Learning |
| - Software Engineering         | - Operating System         |

## PROJECTS

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### Real-Time Chat Application ([Project Link](#))

Technologies used: *MERN Stack, JWT, Socket.io*

- Developed a secure, full-stack chat app with real-time messaging and user authentication using JWT.
- Implemented global state management with Zustand and robust error handling.
- Deployed using free hosting services with a focus on reliability and best practices.

### Vi-Wo (Visual Workspace) ([Project Link](#))

Technologies used: *Next.js, Convex, Live Blocks, Clerk etc.*

- Created a web-based collaborative workspace for brainstorming and planning.
- Enabled real-time collaboration with features for shared visual interaction.

## ROLES AND RESPONSIBILITY

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- **Campus Ambassador || TRYST, IIT Delhi || 22-Feb-2022 – 25-Apr-2022**  
- Promoted and represented IIT Delhi's technical fest, engaging with students and coordinating events.
- **Content Moderator || Rooter.gg || 04-March – 2024 - Present**  
- Monitored and reviewed user-generated content, including live streams, videos, and comments, ensuring compliance with platform policies and community standards
- **Subject Matter Expert (CS) || Chegg Pvt Ltd | 12-Apr-2023 – Present**  
- Provided detailed solutions and explanations for computer science problems.

## CERTIFICATION

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- Full-Stack Web Development – Infosys Springboard
- Oracle Cloud Infrastructure AI Foundations
- Backend Development – Coursera
- Git & GitHub - Udemy