

# Varun Kumar

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## Education

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### R.D. Engineering College

MCA in Computer Science

Ghaziabad , India

- CGPA: 8.05
- **Coursework:** Data Structures and Algorithms , Object-Oriented and Programming in Java , DBMS.

### Institute of Management and Research

BCA in Computer Science

Ghaziabad , India

- Percentage: 71.4%
- **Coursework:** Web Technologies (HTML , CSS, JavaScript), Computer Network, Software Engineering.

## Technologies

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<b>Programming Languages :</b>	HTML , CSS , C , C++ , JavaScript , Java .
<b>Libraries/Frameworks :</b>	React.js , Node.js , TailwindCSS.
<b>Platforms/ IDEs :</b>	Visual Studio Code , IntelliJ IDEA.
<b>Databases :</b>	SQL , MYSQL , MongoDB
<b>Open Source Skills :</b>	Git & GitHub , OOPs , Redux Tool , WebSockets and DSA

## Experiences

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### React.js Intern

Pune, Mumbai

Internshipshala

May 2024 – Aug 2024

- Led front-end development using React.js and Tailwind CSS, resulting in a 30% improvement in page load speed and enhanced UI responsiveness across devices.
- Collaborated with a cross-functional team of 5 developers to deliver 10+ new features, reducing user-reported issues by 25%.
- Optimized JavaScript code, reducing server load by 20%, demonstrating problem-solving and technical troubleshooting abilities

## Projects

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### AI-Bot | [Live](#)

- Developed an AI-bot using React.js and Gemini API key to provide continuous guidance about a specific city. Tools Used: React.js , Gemini API key.
- Enabled seamless, real-time responses, allowing users to ask multiple queries without interruption.
- Utilized **lazy loading and state management (Context API)** to enhance performance & scalability.

### Todo-APP (MERN) | [Live](#)

- Developed a Full-stack Todo application using **React, Node.js, Express, and MongoDB** with responsive UI and real-time task management features.
- Designed RESTful APIs for CRUD operations and integrated frontend with backend for data exchange.

## Certificates

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### Frontend React.js | [View](#)

- Earned certification for building interactive and responsive web slider in online test using React.js.
- Obtained hands-on experience with React Hooks, state management.

### Spring Boot | [View](#)

- Completed a certified course on Spring Boot in developing REST APIs, handling HTTP requests, and integrating with MongoDB.
- Built scalable backend applications using Spring Boot with features like dependency injection, JPA.