

# VIKAS KUMAR

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## OBJECTIVE

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Tech-savvy with a strong foundation in web development, programming, and database management. Eager to explore Artificial Intelligence, Machine Learning, Data Science, and Blockchain, while contributing to innovative projects and continuously learning in a collaborative environment.

## EDUCATION

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### JIMS Engineering Management Technical Campus

Dec'21 - Jun'25

Bachelor of Technology - Computer Science Engineering, CGPA - 8

### Andhra Education Society School, ITO

April'20 - March'21

Class 12th, Percentage - 75.5%

## SKILLS SUMMARY

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- Technical Skills : Data Structures & Algorithms, OOPS & Operating Systems
- Languages: C++, JavaScript(Basic), Python
- Web Design: HTML, CSS, React.js, Next.js, Node.js, Express.js
- Database Management: MySQL, PHP, MongoDB, PostgreSQL
- Version Control: Git, Github

## CERTIFICATIONS

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- Master DSA using C++ (Coding Blocks, Noida) June'24 - Pursuing
- JavaScript Algorithms and Data Structures (Free Code Camp) Sept'24 - Jan'25
- Responsive Web Design (Free Code Camp) Jan'24 - June'24

## ACADEMIC PROJECTS

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### Social Media Web Application

Developed a social media web application using the MERN stack (MongoDB, Express, React, Node.js), alongside HTML, CSS, and JavaScript. The platform allows users to create profiles, post updates, interact with content, and manage notifications, ensuring a seamless and responsive user experience. ([Try it here](#))

### Quiz Game

Created a static quiz game website using HTML, CSS, and JavaScript. The game features multiple-choice questions, a timer, and score tracking, all within a clean, responsive design. Focused on delivering an engaging and interactive experience without the need for backend integration. .([Try it here](#))

### Real-Time Chat System

Developing a real-time chat application using the MERN stack (MongoDB, Express, React, Node.js) integrated with Chakra UI for a modern and responsive design. The platform enables users to register, log in, create chat rooms, and exchange messages in real-time using WebSocket technology (Socket.IO). Focused on delivering a seamless, intuitive user experience with features like online status indicators, typing notifications, and responsive layouts across devices.

### Hate Speech Detection System

Developed a web-based hate speech detection tool using BERT, Python, Flask, and TensorFlow. Leveraged NLP and machine learning fundamentals to classify text with high accuracy. Features a clean UI and real-time predictions for fast, effective content moderation.

## EXTRA-CURRICULAR ACTIVITIES/ ACHIEVEMENTS

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Goldman Sachs Software Engineering Virtual Experience Program on Forage - February 2025

- Successfully completed a Goldman Sachs job simulation as a governance analyst, where I identified vulnerabilities in IT security—specifically the use of outdated password hashing—by leveraging tools like Hash cat.
- Proposed key improvements in a professional memo, recommending stronger password policies and modern hashing algorithms to enhance the organization's cybersecurity posture.

**I serve as the Management Head of the FitFam Society at JIMS Greater Noida**