

# DEEPAK KUMAR

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## SUMMARY

Web Developer and AI enthusiast with hands-on experience in building responsive web applications using the MERN stack and implementing AI-based solutions. Skilled in integrating machine learning models with real-world applications to deliver innovative and scalable digital products.

## PROFESSIONAL EXPERIENCE(INTERNSHIP)

### EDUNET FOUNDATION(AICTE)

Remote | 01 August 2024 - 30 September 2024

- Completed a 4-week AICTE internship focused on Artificial Intelligence and its real-world applications.
- Designed and implemented a Face Recognition Attendance System using Python, OpenCV, and machine learning techniques.
- Gained hands-on experience in image processing, feature extraction, and model integration for automation.

### COLLEGE SUMMER TRAINING

offline | 3 July 2025 - 28 July 2025

- Built a College Dashboard during summer training using JSP, Java, MySQL, and Apache Tomcat.
- Designed role-based modules for students (event participation & viewing) and admins (event management).
- Implemented full CRUD operations for admins to manage events efficiently.
- Gained hands-on experience in web application development, database integration, and server deployment.

## PROJECTS

### 1. VLOGWEB APPLICATION

- ❖ Developed a Vlog Web Application with user authentication for secure login and access.
- ❖ Implemented features for adding, deleting, and managing blogs by users.
- ❖ Enabled view-only access and commenting for other users on published blogs.

*Technologies:* Html ,Css,Bootstrap,Javascript,Ejs ,Node js ,Express ,Mongodb

### 2. TEXT-UTILZER

- ❖ Built a Text Utilizer Web App using React.js to perform text transformations like converting lowercase to uppercase.
- ❖ Implemented functionality to count words and characters for improved text analysis.
- ❖ Focused on responsive UI and interactive features to enhance user experience.

*Technologies:* Html, Bootstrap, Javascript, React.js

### 3. CHAT-APPLICATION

- ❖ Developed a real-time chat system using React, Node.js, Express, MongoDB & Socket.IO, enabling dynamic room-based messaging.
- ❖ Implemented WebSocket events for instant message delivery, typing indicators, and online/offline status tracking.
- ❖ Added secure authentication with JWT and persistent message storage in MongoDB for chat history retrieval.
- ❖ Created a responsive UI with React and Tailwind CSS and deployed the system to the cloud for production use.

*Technologies:* React.js,tailwindcss,nodejs,express.js,mongodb,socket .io

## CERTIFICATION

### Core Java Programming (Softpro India Lucknow)

- Proficient in Core Java: Object-Oriented Programming (OOP), data structures, algorithms, exception handling, multithreading, and Java Collections Framework. Strong understanding of Java fundamentals, including variables, data types, operators, and control flow.

### Data Science (NPTEL IIT Madras)

- R Proficiency: Proficient in R for data analysis, statistical modeling, and visualization.

### Workshop (Softpro India Lucknow)

- Attended a 3-day workshop in HTML, CSS, Bootstrap, and JavaScript. During this time, I enhanced my practical knowledge in web design.

### Building Web Application with Jsp (Infosys )

- Achieved Infosys Certification in Java with JSP and MySQL, gaining practical knowledge in web application development and database handling.

## SKILLS

**Languages:** Java, Javascript ,python,c

**Web technologies:**Html ,Css,Bootstrap,javaScript

**DeveloperTools:**VSCode,Eclipse IDE,JupyterNotebook,Git,GitHub

**Technologies/Frameworks:** React js,Node .js,Express

**DataBase:**mysql,mongodb

## EDUCATION

- Bachelor of Technology, Computer Science Engineering(Artificial Intelligence)

ABES Institute of Technology, Ghaziabad | SGPA 6.8 | September 2022 - 2026  
Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, India