

# 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-UTILIZER

- ❖ 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

**Developer Tools:** VS Code, Eclipse IDE, Jupyter Notebook, 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