

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. Smart Tourist Safety Monitoring & Incident Response System

- Developed a Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing, and Blockchain-based Digital ID to enable real-time location tracking, threat detection, and secure identity verification.
- Implemented automated emergency alerts and incident response mechanisms to enhance tourist safety, ensure data integrity, and prevent identity tampering through blockchain technology.
- Technologies:** React.js, Node.js, Express, mysql, Blockchain, Twilio api, google map api

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

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