

Deepak Kumar

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Education

ABES Engineering College, Ghaziabad
B.Tech in Computer Science

Jul 2023 – Jul 2027
CGPA: 8.18/10

Experience

MERN Stack Developer Intern & Technical Team Member
ABES E-Cell , E-Cell Organization

June 2025 – Present

- Worked across multiple technical teams handling MERN development, UI enhancement, and event tech workflows.
- Reduced website load time by 30% and improved session duration by 18% through API optimization.
- Created internal portals, event registration forms, and admin dashboards for E-Cell operations.
- Improved UI consistency across event pages and automated reusable frontend components.

WEB DEVELOPER (Freelancer)

2025 – Present

Gym Website (React, State Management, useEffect, Context API, Framer Motion)

- Built a responsive gym website with animated sections, membership plans, and lead capture forms using Context API for global state.
- Added smooth page transitions and interactive UI elements using Framer Motion, improving overall engagement.

Clothing Store Website (React, useEffect, Routing, Responsive UI, Component Reusability)

- Developed a clothing showroom website featuring product categories, image galleries, and a clean UX with reusable React components.
- Implemented responsive design and optimized loading behavior to enhance performance across devices.

Projects

Interview Prep AI

(MERN, OpenAI API, JWT)

GitHub | Live Demo

- AI interview-preparation platform used by 50+ users generating personalized Q&A.
- Designed 10+ prompt templates improving answer accuracy by 25%.
- Implemented secure JWT authentication and Context API for fast state management.

Real-Time Chat Application (ChicChat)

(MERN, Socket.IO, WebSocket, JWT)

GitHub

- Real-time chat app supporting 100+ concurrent users and 10k+ messages/day.
- Achieved 90% faster message delivery using WebSocket pipelines.
- Built scalable REST APIs with encrypted JWT authentication.

Kisan Setu — SIH Project

(MERN, APIs, AI)

GitHub

- Backend lead for an SIH project helping farmers with weather, disease detection, and recommendations.
- Integrated real-time weather API, AI-based crop disease detection, and market price analysis.

Achievements & Leadership

- **Runner-Up (2nd Place)** — Maharaja Agrasen College Hackathon 2025 .(Certified)
- Participated in **6–7 major hackathons** delivering full MERN/AI prototypes. (Certified)
- Ranked among **Top 50 Teams** out of 450 in Smart India Hackathon (SIH) Internal Round. (Certified)
- Led **300+ volunteers** during campus events, improving participation by 40%.
- Solved **230+ LeetCode problems** in Java across Arrays, Trees, Sliding Window, LinkedList, etc.

Technical Skills

- **Frontend:** HTML, CSS, JavaScript, React, Redux, Bootstrap
- **Backend:** Node.js, Express.js, MongoDB, Mongo Atlas
- **Programming:** Java, OOP, Multithreading, C/C++ (Basic)
- **Core CS:** Operating Systems, DSA
- **Tools:** REST APIs, JWT Auth, WebSocket, Git, GitHub, Postman