

AKASH RAWAT

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OBJECTIVE

- ❖ Motivated MCA graduate with a solid foundation in software and web development. Seeking a challenging role to apply my programming knowledge and problem-solving skills. Passionate about building efficient, scalable and user-friendly applications. Eager to contribute to a dynamic and growth-oriented team.

ACADEMIC PROJECTS

❖ AI INTERVIEW-PREP APP

Tech Stack: MongoDB, Express.js, React.js, Node.js, Gemini API, Tailwind CSS

- Developed a full-stack **MERN application** integrated with **Gemini API** to generate AI-powered interview questions and answers.
- Implemented **user authentication, interactive UI, and real-time AI response rendering** for personalized interview preparation.
- Designed and deployed a **scalable web app** to streamline and enhance technical interview practice.
- [GitHub Repository](#) | [Live Demo](#)

❖ REAL-TIME MULTIPLAYER CHESS GAME

Tech Stack: Node.js, Express, Socket.io, HTML, JavaScript, CSS

- Real-time multiplayer interaction through room-based sessions, facilitated by Web Sockets (Socket.io).
- Implemented object-oriented principles, defining movement rules and path calculations for each character type.
- [GitHub Repository](#) | [Live Demo](#)

❖ SORTING VISUALIZER

Tech Stack: HTML, CSS, JavaScript

- Developed a web-based interactive application to illustrate different sorting algorithms, including Bubble Sort, Selection Sort, Insertion Sort, Merge Sort and Quick Sort.
- Implemented real-time animations and color-coded bars to help users understand algorithm behaviour step-by-step.
- Designed a responsive user interface to allow users to control speed and array size dynamically.
- [GitHub Repository](#) | [Live Demo](#)

TECHNICAL SKILLS

- ❖ **Languages/ Frameworks** – Java, JavaScript, React.js, Tailwind CSS, Node.js, Express, HTML, CSS.
- ❖ **Database** – MySQL, MongoDB.
- ❖ **Tools** - MS Word, Excel, Git, Github, Postman.
- ❖ **Relevant Coursework**- Data Structures, Object Oriented Programming, Database Management.

CERTIFICATIONS

- ❖ Programming using JAVA by Infosys Springboard.
- ❖ Data Structures and Algorithms using JAVA by Infosys Springboard.
- ❖ Data Analytics and Visualization Job Simulation in Accenture by Forage.

EDUCATION

- ❖ **Master's of Computer Applications (MCA)**
Galgotias College of Engineering And Technology, Greater Noida
2023 - 2025
- ❖ **Bachelor's of Computer Applications (BCA)**
Graphic Era Hill University, Dehradun
2020 – 2023