

KARAN ARORA

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SUMMARY

Aspiring software engineer with a solid background in engineering and computer science, proficient in full-stack development, algorithms, and data structures. Skilled in coding and creating effective software solutions. Seeking opportunities to leverage and further develop technical expertise in a collaborative and fast-paced environment.

EDUCATION

Chitkara University

Bachelors of Engineering in Computer Science, CGPA: 8.50

Rajpura, Punjab

(2022-2026)

Dyal Singh Public School

12th Grade: 90.40%

10th Grade: 92.67%

Karnal, Haryana

(2021-2022)

(2019-2020)

PROJECTS

Job Portal | [Link](#)

December 2024

- Developed a feature-rich and user-centric employment platform leveraging the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Designed and implemented a robust authentication system using JWT for secure user login and role-based access control to differentiate between job seekers, employers, and admin.
- Built core functionality, including user profile management, an employer dashboard for posting and managing job listings.
- Integrated RESTful APIs to enable seamless data flow between the front-end and back-end, ensuring a smooth user experience.

Blogging Platform with Authentication | [Link](#)

August 2024

- Created a secure and interactive full-stack blogging platform using the MERN stack.
- Implemented secure user authentication with bcrypt and JWT, ensuring data integrity and user privacy.
- Developed a post creation and management interface, enabling users to publish, edit, and delete posts effortlessly.

Weather App | [Link](#)

June 2024

- Developed an engaging and interactive weather application by integrating the OpenWeatherMap API to fetch and display real-time weather data.
- Implemented features such as geolocation services to automatically detect a user's location and display local weather and handle errors for invalid location and API failures.
- Added a 5-day weather forecast section, including details like temperature, humidity, wind speed, and precipitation probabilities.

Personal Portfolio Website | [Link](#)

May 2024

- Built the website using HTML, CSS, and JavaScript, with a focus on delivering a clean and user-friendly interface.
- Implemented a dark/light theme toggle to provide users with a customizable viewing experience and smooth scrolling navigation for intuitive browsing.
- Tested the website across multiple browsers and devices to ensure consistent behavior and appearance, enhancing user engagement.

SKILLS

Technical Skills: C, C++, Python, Java, OOP, React.js, HTML, CSS, JavaScript, Node.js, SQL, MongoDB, Linux, Git, GitHub.

Soft Skills: Teamwork, Team Management, Learning Agility.

ACHIEVEMENTS

- Tackled and solved over 400 complex DSA problems on Leet Code, demonstrating analytical depth and coding efficiency.
- Achieved 65% in NCET, reflecting a strong grasp of technical concepts and a readiness for industry challenges.

CERTIFICATIONS AND CERTIFICATES

- Product Ideation, Design and Management Specialization by Coursera | [Link](#)
- Health Informatics by Coursera | [Link](#)