CHETAN NAGDA

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OBJECTIVE

Aspiring Software Engineer and 3rd-year B.Tech Computer Science student with a strong foundation in Java, Data Structures and Algorithms, and System Design. Passionate about problem-solving, networking, and DevOps. Actively learning and implementing key industry concepts to enhance technical expertise. Seeking full-time opportunities in Software Development,Full Stack, DevOps, or System Design roles.

EDUCATION

Bachelor of Technology In Computer Science, Techno India NJR Intitute of Technology Expected 2026
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Computer Networks, Database Management Systems, Object Oriented Programming, Human Computer Interaction etc.

Higher Secondary Education, Kendriya Vidyalaya 2020 - 2022

SKILLS

Technical Skills	JAVA, Full Stack, DevOps, System Design
Soft Skills	Leadership, Communication Skills, Collaboration and Teamwork, Analytical Thinking

PROJECTS

Real Estate Website Developed a full-stack Real Estate website using ReactJS and Firebase, enabling users to list, search, and explore properties seamlessly. Implemented real-time database updates, authentication, and an intuitive UI for a smooth user experience. Designed for scalability, allowing future enhancements like advanced filtering, map integration, and payment gateways. (lakecityproperties)

Ticket Booking Website Built a Ticket Booking System for Garba Night using HTML, CSS, JavaScript, and Firebase. The system allowed users to browse event details, book tickets, and receive real-time confirmations. Integrated Firebase for seamless database management, tracking ticket sales and user information. The platform successfully hosted over 300 visitors and sold around 100 passes, streamlining the event booking process. (Ticket Booking Website)

Compiler Design Designed and implemented a Just-In-Time (JIT) Compiler as part of a final-year BTech project using Java. The compiler translates high-level code into machine code at runtime, optimizing execution speed. Integrated advanced features like dynamic memory allocation, instruction set optimization, and error handling. The project aimed to enhance the efficiency of code execution and demonstrate a deep understanding of compilers and runtime environments.

EXTRA-CURRICULAR ACTIVITIES

- Developed numerous small websites using **HTML**, **JavaScript**, and **CSS** to reinforce learning and showcase personal projects.
- Created a personalized **placement roadmap website**, sharing valuable resources and tips to help others navigate their career journey (Roadmap).
- Efficiently use **ChatGPT** and other AI models to enhance productivity, problem-solving, and learning.
- Dedicated free time to learning and building projects while listening to music, maintaining focus and enhancing creativity.

LEADERSHIP

- Led a team of volunteers in organizing cultural events like Garba Night, honing leadership, communication, and event management skills.