

# Jagdeep Singh

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## Career Objective

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3<sup>rd</sup> – year Computer Science undergraduate student with hands-on experience in MERN stack development and a solid grasp of programming languages like C++ and Java. Aim to actively contribute in a collaborative team with problem solving abilities, adaptability, and effective communication skills.

## Skills

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### Technical Skills

- Html, Css, Javascript, React, Bootstrap
- Tailwind, TypeScript
- Node, Express, Next.js, MongoDB, SQL,
- Linux, Git, Github, Android Studio
- Programming languages: Java, C++

### Soft Skills

- Strong organizational and time management skills
- Communication and interpersonal skills
- Detail-oriented
- Problem Solving and Algorithmic Thinking
- Strong Debugging Skills
- Collaboration and Communication Skills

## Projects

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### Coffee Time

- Implemented **MongoDB**, **Express.js**, **Node.js**, and **React.js** for a robust and responsive platform.
- Developed a dynamic e-commerce website specializing in the sale of coffee and breakfast items.
- Integrated essential technologies such as **Email.js**, **JWT**, **Firebase**, **Multer**, and **Express Session** to enhance user experience.
- Enabled user-friendly registration, login, and shopping processes, allowing users to add items to the cart and place orders seamlessly.
- Implemented voucher functionality during ordering and developed an admin panel.
- Admin panel facilitates efficient CRUD operations, ensuring seamless management of all backend data for the online shop.

### Friends (Threads Clone)

- Technologies Used: Next.js, TypeScript, MongoDB, Clerk, Tailwind, UploadThing
- User Authentication: Securely register and log in using Clerk, ensuring a seamless user experience.
- Community Management: Create and join communities around shared interests, each with its own rules and moderators.
- Threaded Discussions: Initiate and contribute to in-depth conversations organized in threads with clear hierarchy and replies.
- Activity Stream: Stay updated on the latest happenings on your threads. Responsive.

### Note taking app

- Developed a user-friendly note-taking app with HTML, CSS, and JavaScript, featuring note creation, deletion, and marking as important.
- Utilized browser localStorage for efficient data management and included a dedicated rendering system for organizing and accessing important notes.

### News App

- Developed a modern news app using React, JavaScript, HTML, and CSS, integrating real-time updates from an external News API.
- Provided a wide range of news articles categorized for user convenience, ensuring users stay informed.
- Implemented infinite scroll for seamless browsing through an extensive news collection, enhancing user engagement.

### Snake Game

- Developed an interactive snake game using React, JavaScript, HTML, and CSS with intuitive controls.
- Leveraged React's state management (useState and useEffect hooks) for a seamless gaming experience.
- Utilized React Router for smooth component-based navigation and added a high-score challenge feature for users to compete and improve their records.

## Education

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- **Bachelor of Engineering, Computer Science Engineering**  
Chitkara University  
2021 – current  
CGPA: 9.88
- **Class 12<sup>th</sup> | CBSE**  
Guru Nanak Foundation Public School  
2020 – 2021  
Percentage: 91.8

## Certifications

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- **Red Hat Application Development I: Programming in Java EE (AD183)**  
Red Hat Training and Certification, May 2023  
Skills Acquired: Core Java Programming
  - **Explore Machine Learning Using Python**  
Infosys, February 2022  
Description: Got introduced to Regression, Classification, Clustering, ANN etc.
  - **C++ by Sololearn**  
Sololearn, June 2022  
Skills Acquired: Practical C++
  - **Python for Data Science**  
Sololearn, July 2022  
Skills Acquired: Numpy, Pandas, Matplotlib
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