

Arpit

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OBJECTIVE

As a motivated B.Tech student in Computer Science, I aim to contribute to innovative software development projects by leveraging my skills in competitive programming, web development, and problem-solving. I am eager to grow and excel as part of a forward-thinking team, applying my expertise in Java, JavaScript, React.js, and MongoDB.

SKILLS AND INTERESTS

Programming Languages	Java, JavaScript
Frameworks & Libraries	React.js, Next.js, Express.js
Databases	MongoDB
Tools & Version Control	Git, GitHub
Core Competencies	Data Structures and Algorithms, Competitive Programming

EDUCATION

Lovely Professional University | B. Tech in Computer Science, Phagwara
Aug 2021 – May 2025

CERTIFICATION

- **DSA to Development Program** — GeeksforGeeks
- **Advanced React Certificate** — Meta

PROJECTS

Real-Time Chat Application

- Built an interactive chat interface using **React components**.
- Implemented real-time messaging via **WebSocket/Sockets.IO**.
- Managed state with **React hooks/Redux**.
- Developed a secure backend server using **Node.js** and **Express** for WebSocket handling.
- Integrated user authentication and persisted messages using **MongoDB**.

Snake Game Using Java

- Designed a timer-based game loop for real-time updates and graphics rendering.
- Separated classes for game logic, window rendering, and food placement.
- Implemented collision detection for wall, food, and self-interaction.

LANGUAGES KNOWN

- **English (Fluent)**
- **Hindi (Fluent)**

HOBBIES AND INTEREST

- Competitive programming and solving coding challenges.
- Exploring emerging web development technologies.
- Reading books.

Achievements

- **Finalist at IIT Madras:**
Achieved finalist status at IIT Madras, demonstrating exceptional academic performance and dedication in one of India's premier engineering institutes
- **Achieved Advanced React certificate from Meta:**
Earned the Advanced React certificate from Meta, showcasing expertise in building dynamic and high-performance web applications.
- **Achieved Great Ranking on GFG Coding Platform:**
Secured a top ranking on the GeeksforGeeks coding platform, highlighting strong problem solving skills and coding proficiency.