Nikhil Guleria

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**PROFESSIONAL SUMMARY**

I am B.Tech CSE student with a solid foundation in Computer Science . Adept at problem-solving and willing to apply technical skills in a dynamic work environment. Demonstrated ability to work collaboratively and solve complex problems in team-based projects.

**EDUCATION**

## B.Tech in Computer Science & Engineering | Shoolini University | Solan *2021-2025*

## Electives/Specializations: Artificial Intelligence & Machine Learning

*8.84 OGPA (Current)*

**Class XII |** The Magnet Public School | Hamirpur, Himachal Pradesh - 85 % ***2020-2021***

SKILLS | Hadoop | DevOps focus | Scrum/Agile development methodologies | Infrastructure automation technologies like Docker, Vagrant | Build automation technologies like Maven, Jenkins | Monitoring technologies like Nagios, Ganglia | Modern programming languages like Java, Python | Building APIs and services using REST, SOAP | Scripting languages like Perl, Shell | Test-driven development and automated testing frameworks

Java | Data Structures & Algorithms (Java) | JDBC | HTML | CSS | Java Script | C++ | Mathematics| Database Management | Neural Networks | Artificial Intelligence (Basic) | Machine Learning (Basic) | Leadership | NCC Training | Aptitude | Problem Solving .

**PROFESSIONAL EXPERIENCE**

**Multiuser Chat Application**  **Feb 2025 - March 2025**

• Developed a real-time chat application using Java, Swing, JDBC, and Socket Programming.  
• Implements server-client architecture with multithreading to handle multiple active users simultaneously and ensure smooth communication.  
• Integrates MySQL database using JDBC for secure user authentication, login management, and chat session tracking. [***GitHub***](https://github.com/nikhilGgithub/CHAT_Application_In_JAVA/tree/my-new-branch)  
• Follows design patterns (like, MVC) and uses logging techniques for better debugging, along with external config file management for flexible settings.

• Implemented Scrum/Agile methodologies to ensure efficient project management and timely delivery of features.

**GamePlay / Shoolini University Sep 2023 - Oct 2023**

• Created a responsive Tic Tac Toe game using HTML, CSS, and JavaScript, ensuring smooth gameplay across devices.

• Utilized infrastructure automation technologies like Docker and Vagrant to streamline the development and deployment process.

• Implemented logic for player turns and automatic win or draw detection for a seamless gaming experience. [***GitHub***](https://github.com/nikhilGgithub/Tic-Tac-Toe)

• Built a visually appealing and adaptable interface to enhance user satisfaction and easy to use.

**Bank\_System**  **Dec 2024-Jan 2025**

• Bank System is a desktop application built using Java, Swing, JDBC, and SQL for managing banking operations.

• Supports withdrawal, deposit, balance inquiry, fund transfers, PIN updates, and new account creation [***GitHub***](https://github.com/nikhilGgithub/Bank_System)

• Uses JDBC to connect with an SQL database, ensuring secure storage of user details and transactions.

• Provides a user-friendly GUI for seamless banking transactions and efficient record management.

**Online Food Order System June 2024 - Aug 2024**

• Engineered the service-oriented backend for an online ordering platform using Java and JDBC, focusing on scalable and reliable transaction processing.

• Implemented test-driven development practices to ensure the reliability and scalability of the backend system.

• Devised an admin panel to manage food items, orders, and users with full CRUD functionality. [***GitHub***](https://github.com/nikhilGgithub/Food_Plaza_Project)

• Improved system reliability and responsiveness by optimizing database queries and backend processes.

**CERTIFICATIONS**

* Introduction to Machine Learning – Great Learning.
* National Student Paryavaran Competition (NSPC 2023)
* NCC Certificates – B & C (Alpha).
* Received an Silver Medal in Volleyball from Col. VS Panag in ATC 2022.

**LEADERSHIP, ACHIEVEMENTS AND EXTRACURRICULARS**

* CQMS rank-holder in NCC, selected among 70 cadets (2023).

**INTERESTS AND HOBBIES**

* Reading spiritual texts (e.g Bhagavad Gita) & listening to old songs.
* Games.
* Food Enthusiast.

**LANGUAGE PROFICIENCY**

• Fluent: English, Hindi and Pahadi.