# **Jahanvi Saini**

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## Summary

Aspiring Computer Science Engineer pursuing a Bachelor's degree at Government Women's Engineering College, Ajmer. Strong problem-solving skills and a passion for continuous learning. Building expertise in C, C++, Java, and Data Structures & Algorithms. Eager to apply technical knowledge and a proactive approach to contribute meaningfully to organizational success.

#### Education

Govt. Women's Engineering College, Ajmer B.Tech	2022 - present
Samrat Public Sr Sec School, Ajmer 12th-CBSE	2021 - 2022
Army Public School Narangi, Guwahati 10th CBSE	2019 - 2020

#### Skills

C Programming

• C++ Programming

JAVA

Windows

• MS Office

Teamwork

Adaptability

Learning Agility

· Problem-Solving

#### **Certificates**

- Completed the training course on Core Java(Aug 2024)
- Energy Literacy Training (Feb 2024)
- Using Basic Formulas and Functions in Microsoft Excel (Jan 2024)
- How to create Social Media graphics in Canva (Jan 2024)

- Programming in JAVA (Nov 2024)
- Introduction to Microsoft Excel (Jan 2024)
- Build your personal brand using Canva (Jan 2024)
- Cancer Awareness(Nov 2022)

## **Work Experience**

#### Softech Informatic Systems — On-site

Java Developer Intern

Jun 2024 - Aug 2024

- Developed a Java-based application using Core Java and OOP principles, focusing on code modularity and reusability.
- Improved code efficiency by 20% through debugging, profiling, and applying optimization techniques.

Ajmer

## **Projects**

## Clash of Spacefighter game *⋄*

Jan 2025

Created **Clash of spacefighter** a 2D space shooting game using **Java** that involves real-time shooting mechanics, collision detection, score tracking and increasing difficulty for an engaging gameplay experience. The project uses **Java Swing** for the graphical interface and applies object-oriented programming principles to manage game logic, player movement, and enemy behavior efficiently.

## Banking Management System *⊘*

Dec 2024

Developed a **Java-based Banking Management System** that simulates core ATM functionalities such as balance inquiry, cash withdrawal, deposit, and PIN change. The application features a user-friendly interface using Java Swing and integrates with a MySQL database through JDBC for secure data handling and transaction management.