

# AKSHAT SHARMA

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## Education

**Thapar University**

*BE in Electronics and Computer Engineering*

**Nov. 2022 – June 2026**

*Patiala, Punjab*

## Relevant Coursework

- Data Structures
- Database Management
- Computer Networks
- Systems Programming
- Algorithms Analysis
- Artificial Intelligence
- Internet Technology
- Computer Architecture

## Projects

**Gym Reservation Bot** 🗄 | *Python, Selenium, Google Cloud Console*

**January 2021**

- Developed an automatic bot using Python and Google Cloud Console to register myself for a timeslot at my school gym.
- Implemented Selenium to create an instance of Chrome in order to interact with the correct elements of the web page.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

**Ticket Price Calculator App** 🗄 | *Java, Android Studio*

**January 2021**

- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

**Transaction Management GUI** 🗄 | *Java, Eclipse, JavaFX*

**January 2021**

- Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.
- Used JavaFX to create a GUI that supports actions such as creating an account, deposit, withdraw, list all accounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

## Technical Skills

**Languages:** C++, HTML/CSS, JavaScript, SQL, ReactJS, NodeJs, ExpressJS, MongoDB

**Developer Tools:** VS Code, Amazon Web Services, Postman

**Technologies/Frameworks:** Linux, Jenkins, GitHub, Docker, Kubernetes

## Leadership / Extracurricular

**Fine Arts and Photography Society**

**2023 – Present**

*Executive Member*

*Thapar University*

- Coordinated workshops on sketching, photography, and digital art, fostering skill development among peers.
- Developed strong leadership, project management, and teamwork skills while fostering a collaborative environment that bridged engineering and artistic communities.
- Managed core of 35 members and ran weekly meetings to oversee progress in essential parts of the workflow.
- Guided a dynamic team of over 100 members to successfully achieve club objectives, orchestrating a high-impact event with 3000+ attendees.

## Certifications

- AWS Academy Cloud Foundations 🗄