

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.E CSE	Thapar Institute of Engineering and Technology	TIET	8.87 (Till 6th Sem)	2022-2026
Senior Secondary	Swami Sant Dass Public School	CBSE	94.8%	2022
Matriculation	Swami Sant Dass Public School	CBSE	94.8%	2020

WORK EXPERIENCE

- Technology Intern – Barclays

Data Engineer (SQL, Python)

June 2025 - August 2025

Pune, Maharashtra

– Contributed to the **Equity Data Warehouse (EDW) team**, focusing on the **data migration** from on-premise infrastructure to the **cloud** and validation checks for critical trading datasets.

– Built efficient **ETL** pipelines using Python and SQL to automate structured data migration and analytics workflows.

– Assisted in **automating data** pipelines using **Python** scripting and **AutoSys**, enabling scheduled client reporting processes, which are currently **live in production**.

– Created production-grade Spark notebooks in **Databricks** for data transformation and analysis using Python and SQL.

• Intern - Thapar Institute of Engineering and Technology

Intern (FullStack Developer and LLM/GenAI Developer)

Jan 2024 - July 2024

Patiala, Punjab

– Developed and deployed a chatbot integrated with LLM.

– Real-time academic support to **5000+ students**.

– **90% reduced** the administrative work and **50% decrease** in response time.

– **2,000 queries** solved till date.

PROJECTS

• VANI - React.js, FastAPI, Agno, Google Gemini

Virtual AI for Natural Interaction

April 2025 - Present

– **Smart AI Agent** that is made with the Agno Framework

– It can **collaborate** with other **Agents**, **MCP servers** and use multiple tools like Gmail, Calendar, Notion, etc to help users automate their tasks

• EFFECTS LIBRARY - ReactJs, Tailwind, Framer Motion

Open Source React.js Components Library

Jan 2025 - Present

Github Website

– **Free and Open Sourced** Reactjs Component Library with **Animations** and **New Components**

• TIET-TAU-PAU Website - React.js, Tailwind, Framer Motion

International Collaboration of Food Departments

Jan 2025 - Present

– Website for collaboration among **Thapar University**, **Tel Aviv University** and **Punjab Agricultural University**

TECHNICAL SKILLS

• **Languages:** C++, JavaScript, Python, SQL

• **Frameworks:** React.js, Node.js, Express, Agno (Framework for AI Agents)

• **Tools:** Databricks, AutoSys, Git, VS Code

• **Concepts:** OOP, DSA, REST APIs, ETL Pipelines

POSITIONS OF RESPONSIBILITY

• AI/ML Mentor, Executive Board, GDSC Thapar, TIET

May 2024 - Apr 2025

• FrontEnd Lead, PLEXUS, TIET

Jan 2024 - Aug 2024

• Core Member, TAAS Society, TIET

May 2023 - Apr 2024

ACHIEVEMENTS

• Cohere, My Contributions were recognized by Cohere in their open source LLM Model - **Certificate**

2024

• GFG Adobe's Gensolve hackathon, We were one of the finalist teams all over India.

2024

• Google Developer Student Club Hackathon, Our idea won the 2nd place overall.

2024

• University Scholarship, Based on my CGPA, I was given a scholarship worth **1,70,000 INR**.

2023