

# ADITYA BHATIA

Mobile: 9803948424 | Gmail: adhibhatia0204@gmail.com | [Linkedin](#) | [Github](#) | [Portfolio](#) |

## SUMMARY

Electronics and Communication student at Thapar Institute with a strong interest in **Web Development and Data Analysis**. Known for problem-solving, team collaboration, and a sharp analytical mindset. Always eager to work on real-world, tech-driven projects and create meaningful impact.

## EDUCATION

<b>Thapar Institute of Engineering and Technology</b> <i>Bachelor of Engineering in Electronics and Communication</i>	Patiala, Punjab August 2022 – May 2026
<b>GSS School</b> <i>Class 12 (PSEB)</i>	Amritsar, Punjab Scored 94.65% – 2022
<b>The Senior Study School</b> <i>Class 10 (CBSE)</i>	Amritsar, Punjab Scored 80% – 2020

## PROJECTS - PORTFOLIO

<b>Smart Personal Assistant Dashboard</b> <i>Full Stack</i>	Web Dev, API, React, Python FastAPI, Axios, Open AI.
<ul style="list-style-type: none"><li>Built a dashboard that integrates live Weather, News, Stocks, and Currency data using real-world APIs.</li><li>Developed the frontend in React and backend in FastAPI, ensuring fast data handling.</li></ul>	
<b>AI Chatbot Assistant (Phi-3 via Ollama)</b> <i>Front End and Flask</i>	Prompt Engineering ChatGPT and LLM
<ul style="list-style-type: none"><li>Developed a full-stack AI chatbot powered by Ollama's Phi-3 LLM, enabling real-time human-like conversations in a sleek, responsive UI using .</li><li>Engineered a modular backend in Python (Flask) with API endpoints to handle user prompts.</li></ul>	
<b>Vendor Performance</b> <i>Data Analyst</i>	Power BI, SQL, Python (Pandas, NumPy, Seaborn, Matplotlib), Summary report
<ul style="list-style-type: none"><li>Cleaned, analyzed, and visualized vendor sales data (3k+ rows) using Python (Pandas, NumPy, Matplotlib) in Jupyter Notebook to derive actionable business insights.</li><li>Built interactive Power BI visuals to identify underperforming brands, low-turnover vendors, and profit margin trends using calculated metrics and custom filters.</li></ul>	
<b>Innovation and Entrepreneurship</b> <i>Adept Consultancy Service- Startup Idea Development</i>	Team Work, Financial Projection January 2024
<ul style="list-style-type: none"><li>Created a business plan including 12-month financial projections, targeting over 20% year-on-year growth.</li><li>Worked with a cross-functional team to validate and shape startup ideas into practical, market-ready models.</li></ul>	
<b>Posture Corrector</b> <i>Wearable Device</i>	Internet of Things (IoT) January 2025
<ul style="list-style-type: none"><li>Developed a wearable device to detect poor posture using the MPU6050 sensor and ESP8266 microcontroller.</li><li>Added real-time feedback using a vibration motor to alert users and improve posture habits.</li></ul>	

## TECHNICAL SKILLS & INTEREST

**Languages:** C/C++, HTML/CSS, JavaScript, React.js., Node.js, SQL, Python (NumPy, Pandas, Matplotlib, Seaborn).

**Tools:** Power BI, MySQL, MongoDB, Excel, MATLAB, Arduino IDE, Adobe Premiere Pro, FastAPI, npm, Trade.tt

**Finance Exposure:** Finance & Derivatives Market : Futures First Academy

**Prompt Engineering:** Persona & Naive Prompts, Chain-of-Thought (CoT), Tree-of-Thought (ToT), NOVA system

**Relevant Courses:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Artificial Intelligence (AI), Internet of Things (IoT), Digital System Design (DSD)

**Soft skills:** Leadership, Public Speaking, Conflict Resolution, Decision-Making, Event Coordination

**Interest:** Media Content Creation, Photography, Sports, Video Editing, Event Hosting, Social Media Engagement

## CERTIFICATES

---

- Thapar Institute - ELC workshop Certificates
- Simpli Learn - Power BI
- IBM Cognitive Class – Prompt Engineering (2025)
- Deloitte – Data Analytics Job Simulation
- Deloitte - Australia Technology Job Simulation
- Accenture – Software Engineering Job Simulation
- Flipkart GRiD 6.0 - Software Development Track (Level 1) – Certificate of Participation, 2024
- LU - React.js Certification

## EXTRACURRICULAR ACTIVITIES AND POSITION OF RESPONSIBILITY

---

### Entrepreneurship Development Cell (EDC)

Member - Core Member

Thapar University Patiala, India

August 2023 - December 2024

- Led planning and execution of 2+ campus events attended by 1000+ students.
- Coordinated media, logistics, and promotions to ensure smooth and timely execution.

### Saturnalia-Annual Techno-Cultural fest

Core Member - Executive Committee

Thapar University Patiala, India

Sept. 2023 – December 2024

- Managed media, marketing, and event operations for one of the largest fests on campus.

### Indian Society for Technical Education (ISTE)

Member

Thapar University Patiala, India

August 2023 – December 2023

- Supported technical workshops and event execution for student development.

## EXPERIENCE

---

### Overall Media Coordinator

2024 – 2025

URJA'25 The Annual Sports Fest

Thapar University Patiala, India

- Delivered 30-35 members media team, reached 1000+ students across platforms, increased event attendance by 70%
- Managed photography, reels, and promotional media, reaching 1000+ students.

### Web Development Intern

July 2024 – Aug 2024

Bharat Intern

Remote, India

- Gained practical experience in web development by completing dynamic front-end projects that strengthened design and coding skills.
- Built and deployed 2 responsive web apps using HTML/CSS, increasing time-on-site by 25 and reducing bounce rate.