ADITYA BHATIA

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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

Thapar Institute of Engineering and Technology — Patiala, Punjab
Bachelor of Engineering in Electronics and Communication — *August 2022 – May 2026*

GSS School — Amritsar, Punjab
Class 12 (PSEB) — *Scored 94.65% — 2022*

The Senior Study School — Amritsar, Punjab
Class 10 (CBSE) — *Scored 80% — 2020*

PROJECTS - [PORTFOLIO](#)

Smart Personal Assistant Dashboard — Web Dev, API, React, Python FastAPI, Axios, Open AI.
Full Stack
- Built a dashboard that integrates live Weather, News, Stocks, and Currency data using real-world APIs.
- Developed the frontend in React and backend in FastAPI, ensuring fast data handling.

AI Chatbot Assistant (Phi-3 via Ollama) — Prompt Engineering ChatGPT and LLM
Front End and Flask
- 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 .
- Engineered a modular backend in Python (Flask) with API endpoints to handle user prompts.

[Vendor Performance](#) — Power BI, SQL, Python (Pandas, NumPy, Seaborn, Matplotlib), Summary report
Data Analyst
- Cleaned, analyzed, and visualized vendor sales data (3k+ rows) using Python (Pandas, NumPy, Matplotlib) in Jupyter Notebook to derive actionable business insights.
- Built interactive Power BI visuals to identify underperforming brands, low-turnover vendors, and profit margin trends using calculated metrics and custom filters.

Innovation and Entrepreneurship — Team Work, Financial Projection
Adept Consultancy Service- Startup Idea Development — *January 2024*
- Created a business plan including 12-month financial projections, targeting over 20% year-on-year growth.
- Worked with a cross-functional team to validate and shape startup ideas into practical, market-ready models.

[Posture Corrector](#) — Internet of Things (IOT)
Wearable Device — *January 2025*
- Developed a wearable device to detect poor posture using the MPU6050 sensor and ESP8266 microcontroller.
- Added real-time feedback using a vibration motor to alert users and improve posture habits.

TECHNICAL SKILLS & INTEREST

Languages: C/C++, SQL, Python (NumPy, Pandas, Matplotlib, Seaborn).

Tools: Power BI, MySQL, Excel, MATLAB, 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)   Thapar University Patiala, India
Member - Core Member   *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   Thapar University Patiala, India
Core Member - Executive Committee   *Sept. 2023 – December 2024*

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

Indian Society for Technical Education (ISTE)   Thapar University Patiala, India
Member   *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.