

# ARNAV AGGARWAL

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## PROFESSIONAL SUMMARY

A detail-oriented Pre-Final year B.Tech Electronics and Communication student from Punjab Engineering College, I have a strong interest in applying my technical and analytical background to solve real-world problems through data analysis and am committed to a career in data-driven financial analysis.

## EDUCATION

### Bachelor of Technology in Electronics & Communication

Aug '23 – Present

Punjab Engineering College, Chandigarh

- Academic Interests: Applications of MATLAB, Finance, Data Analytics and ECE

## SKILLS AND INTERESTS

- Technical Skills:** Python | SQL | Tableau | PowerBI | MS Excel | Corporate Finance | Financial Modeling
- Soft Skills:** Problem Solving | Teamwork | Leadership Skills | Communication Skills | Time Management
- Other Skills:** Equity Trading | Engineering Drawing | Auto CAD | MATLAB | Futures | Options
- Interests:** Physical Sports | Reading | Chess | Music

## EXPERIENCE

### Marketing Team Member -Experience Entertainment

Aug '24 – Nov '24

- As an intern, I analyzed audience engagement data to identify content trends and optimize posting strategies, resulting in increased reach
- Assisted in managing social media pages with the help of analysis and identified which posts performed better.

## PROJECTS

### Hindustan Unilever Financial Model

- Developed a financial model including **Forecasting, DuPont Analysis, Market Returns** and **DCF Valuation**.
- Applied advanced analytical techniques by performing a **DuPont analysis** to deconstruct **Return on Equity** into its core components of profitability, efficiency, and leverage.

### Decoding Indian Skies - A Flight Data Analysis

- Engineered a full ETL pipeline using **Python, Pandas, SQL Alchemy** to clean and load 10,000+ flight records into a **PostgreSQL** database. Created an interactive Tableau dashboard to visualize results
- Analyzed data with advanced SQL queries to uncover pricing and route insights.

### Product and Brand Strategy for a Hypothetical Luxury Fashion Startup

- Ranked **19th** nationwide among **800+ teams** from top business schools in case study challenge.
- The strategy included market research, competitive positioning, and **SWOT analysis**.
- Developed a competitive **product and brand strategy** for a functional luxury startup.

## CERTIFICATIONS

- Introduction to **Financial Accounting** – Coursera
- Oracle Cloud Infrastructure 2025 Certified **AI Foundations** Associate – Oracle
- Databases and **SQL for Data Science** with Python – Coursera
- The Complete **Investment Banking** Course 2025 – Udemy
- The Complete **Financial Analyst** Course 2025 – Udemy

## ACADEMIC ACHIEVEMENTS

- Volunteer** at **Aashray NGO**, contributing to education, food, and well-being for individuals in need.
- Co- Founder 360PLAY** - Launched a startup providing pickleball turfs infrastructure
- Captain** - PEC HPL cricket team
- Organized the **Freshers' event** for the PEC 2028 Batch