

ARNAV CHOPRA

+91 9889987111 | arnavchopra2610@gmail.com | <https://www.linkedin.com/in/arnavc26/> | <https://github.com/ac-26>

ACADEMIC PROFILE

Year	Degree/Exam	Institute	CGPA/Percentage
2026	B.Tech, Computer Science and Engineering	Manipal University Jaipur	7.77
2022	Class XII, CBSE	DPS Kalyanpur	95.4%
2020	Class X, CBSE	DPS Kalyanpur	94%

EXPERIENCE

Data Science Intern, Celebal Technologies

May 2025 – Present

- Built **Customer Churn Prediction** model achieving **84%** accuracy via **feature engineering** and optimization
- Engineered new predictive features** improving ML model performance for customer retention strategies
- Performed extensive **EDA & data preprocessing** on **10K+** customer records, identified key drivers of churn behavior

Software Development Intern, Boson Catalyst Ventures

May 2025 – Aug 2024

- Developed a **Content Tagging System** using **NLP** and **transformer** models to **auto-generate tags** from text
- Built a ML scoring algorithm** with frequency analysis and **cosine similarity** to rank high-quality tags
- Enhanced system with **NER** and **semantic clustering** for tag normalization and production deployment

PROJECTS

Smart Inventory Management: AI-Powered Demand Forecasting for Shoe Retail

[Project Link](#)

- Built a sales prediction model using **real world shoe store data** to ensure practical use and strong performance
- Developed a **Random Forest** model with trend and discount features, achieving **83% prediction accuracy**
- Designed a **Tableau dashboard** showing actual vs predicted sales to highlight performance and support pricing

Quora Duplicate Question Pairs Detection using NLP

[Project Link](#)

- Built ML model to **detect duplicate Quora questions**, achieving **80.13% accuracy** in **identifying similar queries**
- Engineered features like word counts, common words, and word share to enhance model performance
- Applied text preprocessing, feature extraction, and used ML algorithms like **Random Forest** for prediction

SKILLS

- Programming Languages:** C, C++, Python, MySQL
- Frameworks and Libraries:** ML Algorithms (SVM, KNN etc using scikit-learn), Deep Learning Models (RNN, CNN etc), TensorFlow, NLP, NLTK, NumPy, Pandas, Matplotlib, Tableau
- Interests:** Data Science, Artificial Intelligence, Machine Learning, Deep Learning, DSA

CERTIFICATIONS AND ACHIEVEMENTS

Microsoft Azure Fundamentals (AZ-900)

- Proficient in core cloud concepts, Azure services, pricing models, compliance, and IAM
- Skilled in deploying and managing cloud resources on Azure, with understanding of disaster recovery principles

Microsoft Azure AI Fundamentals (AI-900)

- Demonstrated foundational knowledge of AI and machine learning concepts on Microsoft Azure Cloud
- Gained proficiency in Azure Cognitive Services including computer vision, NLP, and conversational AI solutions

Juniper Networks Certified Associate – Mist AI (JNCIA-MistAI)

- Certified in AI-driven networking concepts, Wi-Fi fundamentals, and Mist Cloud architecture expertise
- Skilled in AI-based network operations, wireless troubleshooting, and automation using Mist AI solutions

Certification for Machine Learning by IIT Kanpur

- Implemented hands-on machine learning skills in Python using ML & deep learning frameworks for model building
- Applied data preprocessing, feature engineering, & hyperparameter tuning techniques to enhance model accuracy

Business Analytics Foundations by LinkedIn

- Learned data analytics techniques, statistical methods, and data-driven decision-making for business insights

Gold Medal for Academic Excellence

- Awarded by DPS Kalyanpur for outstanding academic performance, securing top position in overall academics

POSITIONS OF RESPONSIBILITY

Project Coordinator Intern at Grape Events Pvt Ltd.

- Managed client and vendor relationships, handled project accounting and led the social media team

Executive Committee Head, Sponsorships, HACKX MUJ