

# Aryan Thakur

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## WORK EXPERIENCE

### Team Member: ICX (Incoming Global Talent) — AIESEC

Sep 2023 - Feb 2024

- Coordinated the Incoming Global Talent (IGT) program, facilitating international internships and cultural exchanges.
- Engaged with global partners to manage internship applications and ensured a seamless onboarding process, resulting in a **20% increase in successful placements**.
- Liaised with local and international stakeholders to organize workshops and events, promoting intercultural understanding.
- Collaborated with team members to address participant feedback and implement quality improvements.

## PROJECTS

### SkillSync - Research Project

Jul 2024 - Aug 2024

Co-authored a published research paper on solving skill-industry mismatches. Designed a system to analyze student skill profiles against real-time industry requirements using structured methodology for skill extraction and gap detection. Conducted market research to identify in-demand technical and soft skills

### Loan Approval Prediction - Academor

May 2024 - Aug 2024

Built a machine learning model using **R programming** to predict loan approval outcomes with high accuracy. Performed data preprocessing, handling missing values, and exploratory data analysis (EDA). Visualized findings using **Tableau** to create an interactive dashboard for actionable insights.

### Resume Analyzer & Job Recommender

Feb 2024

Developed an AI-driven platform using **Python, NLP, and React.js** to optimize resumes and identify skill gaps. Implemented Computer Vision to extract key info from resumes (PDF/DOCX) to match industry job descriptions, enhancing ATS compatibility. Included features for salary benchmarking and course recommendations.

## EDUCATION

### Aug 2022 - Jul 2025 Bachelor's in Computer Applications (BCA)

Lovely Professional University, Jalandhar

**Coursework:** Data Science, Probability & Statistics, Linear Algebra, Machine Learning, Data Structures & Algorithms (DSA), Database Management Systems.

## CERTIFICATIONS

- **The Data Science Course:** Board Infinity
- **Web Development Course:** IBM
- **Introduction to R:** Great Learning
- **SQL Advance:** HackerRank

## TECHNICAL SKILLS

**Languages** Python (Pandas, NumPy, Scikit-learn), R, SQL (Joins, Subqueries, Window Functions)

**Tools & Cloud** Tableau, Power BI, R-Studio, VS-Code, MATLAB, Git, GitHub, AWS (Basics)

**Data Science** Regression, Classification, Clustering, Hypothesis Testing, Probability Distributions, Model Evaluation

**Core Concepts** Data Structures & Algorithms, Data Profiling, Statistical Analysis, Waterfall & Agile Methodology