



Aryan Thakur

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Education

Lovely Professional University

Aug 2022 - Jul 2025

Bachelor in Computer Applications (BCA)

Jalandhar

- **GPA:** 6.0
- **Coursework:** Data Science

Internship

Academor

Jun 2023 - Sep 2023

Data Analyst Intern

Developed a Python-based interactive game using the PyGame library on the Replit platform to enhance programming skills.

- Utilized object-oriented design, loops, and conditional statements to create a more efficient and functional game.
- Documented the project with a detailed case study, including code screenshots and output analysis.

Academor

Jun 2023 - Sep 2023

Data Analyst Intern

Visualized data and findings using Tableau to build an interactive dashboard for actionable insights.

- Conducted descriptive and predictive analyses of bank loan datasets using R programming, performing data preprocessing to ensure quality and reliability.
- Developed a machine learning model to predict loan approval outcomes, achieving high accuracy.
- Presented conclusions to stakeholders, highlighting trends and providing actionable recommendations.

AIIESEC in Jalandhar

Sep 2023 - Feb 2024

Team Member: ICX (Incoming Exchange), IGT Department

- 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 for participants, resulting in a 20% increase in successful placements
- Assisted in organizing workshops and events to promote intercultural understanding among exchange participants.
- Collaborated with team members to enhance the quality of exchanges, addressing participant feedback and implementing improvements.
- Developed strong communication and negotiation skills by liaising with local and international stakeholders.

Projects

School of Computer Application

Research on Natural Air Pollutants in India

Jul 2024 - Aug 2024

- Research on growing pollution and its effect on human health
- Performed data Preprocessing and Descriptive Analysis on 14 datasets and working on Documentation with 140 dataset from all over India.
- Created production model using R programming with 93% Accuracy

Academor

Jalandhar

Game and logic development using Python

Apr 2024 - May 2024

- Designed and developed a Python-based interactive game to enhance programming skills.
- Implemented key programming concepts such as object-oriented design, loops, and conditional statements.
- Documented the project with a detailed case study, code screenshots, and output analysis.

Academor

Jalandhar

Loan Approval Prediction

May 2024 - Aug 2024

- Conducted descriptive and predictive analysis of bank loan datasets using R programming.
- Performed data preprocessing, including handling missing values and exploratory data analysis.
- Built a machine learning model to predict loan approval outcomes, achieving high accuracy.
- Visualized data and findings using Tableau to create an interactive dashboard for insights.
- Presented conclusions to highlight trends and provide actionable recommendations for stakeholders

lovely professional university

Jalandhar

web platform for Resume analyzer and job skill, project and course recommender for job

Feb 2024

- An AI-driven platform that optimizes resumes, identifies skill gaps, and provides personalized job recommendations.
- Using NLP and computer vision, it extracts key information from resumes (PDF, DOCX) and matches user profiles with industry-standard job descriptions.
- It enhances applicant tracking system (ATS) compatibility, offers real-time job market insights, and benchmarks salaries.
- The platform suggests skill development, projects, and courses while tracking progress through dashboards.
- Built with Python, NLP, React.js, and cloud services, it caters to job seekers, students, career counselors, and HR teams.
- Future enhancements include AI interview prep, networking features, and certification integration.

Neuro Nexus v1.0

- Creating an AI that can:
- understand and generate human-like text and speech with emotion.
- perform tasks like web scraping, desktop automation, and code execution.
- collect, preprocess, filter, analyze, and visualize data.
- create predictive models and generate insights.
- improve conversational abilities over time.
- Make AI accessible across platforms (for automation on the web, desktop, etc.)
- talk and give comfort to people with emotion detection

Technical Skills

- **Programming Languages:** C++, C, Python, R, HTML, CSS, JavaScript, SQL, Java
- **Analytical Tools:** Tableau, Excel, Power BI, R-Studio, VS-Code, MATLAB, Google Collab, MS Excel, Hadoop
- **Productivity Tools:** Microsoft Office Suite
- **Libraries:** Numpy, Pandas, Matplotlib, Scikit-learn, Seaborn, R Basic Libraries
- **Data Skills:** Data Structures And Algorithms, Problem-Solving, Scripting In Python, Data Analysis, Data Visualization And Preparation, Machine Learning, Statistical Analysis, Data Handling
- **Interpersonal Skills:** Time Management, Team Builder, Negotiation, Project Management, Event Management, Logistics Management, Process Tracking, Stress Management, Multi-Tasking

Certifications

- **The Data Science Course:** Board Infinity | Certification
- **Web development Course:** IBM / Certification
- **Introduction to R:** Great Learning
- **SQL Advance:** Hacker Rank | Certification