Piyush Jaloniya

CONTACTS

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SUMMARY

Pursuing a Master's in Computer Applications with a specialization in AI and Machine Learning, backed by a strong BCA foundation. Skilled in programming and problem-solving through hands-on project experience, and eager to contribute to a dynamic role while continuing to grow professionally.

STRENGTHS

• Technical Competencies
• Problem Solving
• Team Collaboration
• Interpersonal Skills

SKILLS

C/C++ | C# | HTML | CSS | React | Python | GitHub | Microsoft Office | R Programming | Tkinter | scikit learn

INTERESTS

• Playing Table Tennis, Badminton
• Watching Movies
• Gaming

EDUCATION

Masters of Computer Application (AI&ML) | Chandigarh University, Punjab | Session*: 2024-2026*
Bachelors of Computer Applications | IPS Academy, Indore | *Session: 2021-2024 | Score: 6.95 CGPA*
Intermediate (MP Board) | Madras Oxford School, Indore | *Session: 2021 | Score: 7.3 CGPA*
Matriculation (CBSE) | St. Arnold's School, Indore | *Session: 2019| Score: 7.41 CGPA*

CERTIFICATION

- **Generative AI for Software Development** – IBM Skill Build
- **Basic CSharp Programming** – Infosys Springboard
- **Introduction to AI for Space** – Intel AI Global Impact Festival
- **AI & Law (with Honors)** – Lund University
- **React JS** – Infosys Springboard
- **AI for Decision Makers** – Fred Hutchinson Cancer Center

PROJECTS

- **CodeCampus-A-Learning-Platform**
  React.js application for computer science learners featuring course Wishlist and authentication functionalities.
- **Employee-Management-System**
  Java-based CRUD application with GUI for managing employee data.
- **AI-Based-Pathfinding-Visualizer**
  Interactive Python GUI comparing A*, BFS, DFS, Best-First Search, and Hill Climbing algorithms on a grid-based interface.
- **Data-Analytics-and-Visualization-Tool-For-Machine-Learning**
  Python GUI to load, analyze, and visualize datasets with support for multiple ML models and interactive plotting.
- **Library-Management-System**
  Java application for managing books and users in a library setting.
- **Dynamic Inventory System with Knapsack-Based Profit Optimization**
  C++ implementation of the knapsack algorithm to optimize inventory management for maximum profit.
- **Data-Analysis-and-Visualization-using-R-Programming**
  R scripts performing exploratory data analysis using ggplot2 and other visualization techniques.
- **Data-Analysis-and-Visualization-Tool-with-Tkinter-GUI-Python**
  Python-based GUI application for data analysis and visualization using Tkinter. Load a CSV file, explore the dataset, visualize key insights, and train a linear regression model.