

# PRINCE KUMAR

## Machine Learning Engineer

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## PROFESSIONAL SUMMARY

Aspiring Machine Learning Engineer with strong foundations in Python, Data Analysis, and problem-solving. Skilled in building and understanding supervised and unsupervised learning models using libraries like NumPy, Pandas, and Scikit-learn. Currently focused on developing real-world ML projects and leveraging data-driven approaches to solve practical problems. Passionate about AI/ML and continuously improving technical and analytical skills.

## TECHNICAL SKILLS

**Machine Learning:** Supervised Learning (Regression, Classification), Unsupervised Learning (Clustering), Model Training & Evaluation

**Programming:** Python, SQL

**Libraries & Frameworks:** NumPy, Pandas, Scikit-learn, Matplotlib

**Core Concepts:** Data Structures & Algorithms (Basic), OOP, Problem Solving

**Tools:** Git, GitHub, VS Code, Firebase

**Additional Skills:** HTML5, CSS3, React, MySQL, Java, C

## PROJECTS

### Career Prediction System | [GitHub](#)

Nov 2025

(Web + AIML-based project – In Progress)

- Developed a web-based system to predict suitable career paths based on user skills, interests, and aptitude
- Designed and implemented logic for career recommendations using structured input data
- Worked on data handling and preprocessing for decision-making
- Integrated frontend with backend functionalities for user interaction
- Enhancing the system by integrating Machine Learning models for more accurate predictions

### Skill Swap System | [GitHub](#)

June 2025

(Web + AIML-based project – In Progress)

- Built a responsive peer-to-peer platform for skill exchange using HTML, CSS, and JavaScript
- Designed user-friendly interface for skill listing and matching
- Implemented dynamic UI features for better user experience
- Planned integration of AI-based recommendation system for matching users based on skills and preferences
- Focused on scalability and real-time interaction concepts

## CERTIFICATIONS & ACHIEVEMENTS

- CISCO Certified in PCAP** – Programming Essentials in Python (PCAP) course provided by Cisco Networking Academy (July 2024)
- Board Infinity Certified in Data Science for Beginners** – Successfully Completed the course in Data Science for Beginners (Feb 2026)
- Winner - DevSummit Hackathon 2025 (National Level)** | Built modern, responsive website for an AI-powered peer-to-peer skill exchange platform.
- SimpliLearn Certified in Software Testing** - Successfully Completed the course in Introduction to Software Testing (May 2025)

## EDUCATION

### Master of Computer Application (MCA)

Suresh Gyan Vihar University, Jaipur | CGPA: 8.65 (1st sem)

2025 – Pursuing

### Bachelor of Computer Application (BCA)

Jagannath University, Jaipur | CGPA: 8.7

2022 – 2025

### Intermediate (ISC with PCM)

Maltidhari College, Patna | CGPA: 7.58

2020 – 2022

### Matriculation

Cambridge Public School, Patna | CGPA: 7.5

2020

## LANGUAGES

English (Professional Working Proficiency)

Hindi (Native Proficiency)