Rohan Kumar

B.Tech in Computer Science specialized in Artificial Intelligence
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CAREER OBJECTIVE

Aspiring AI Engineer pursuing a B.Tech in Computer Science specialized in Artificial Intelligence. Skilled in C++, Python, and Machine Learning with hands-on experience in real-time object detection, NLP, and AI-driven applications. Seeking opportunities to apply technical expertise to build scalable and impactful AI/ML solutions.

EDUCATION

- **B.Tech in Computer Science specialized in Artificial Intelligence** *Percentage: 71.42% (till 5th sem)*
  Pranveer Singh Institute of Technology, Kanpur *2022 – 2026*

- **Senior Secondary (XII) - CBSE**
  Percentage: 81.0% 2021

- **Secondary (X) - CBSE**
  Percentage: 88.83% 2019

PROJECTS

- **Real-Time Object Detection** *Feb 2024*
  - Built an object detection system using **YOLO**, **OpenCV**, **CUDA**, and **TensorRT** on NVIDIA GPU.
  - Enabled high-accuracy real-time video stream analysis.
- **Spam/Ham Classification using NLP** *May 2024*
  - Implemented an email/text classifier during Acmegrade training.
  - Used **NLTK**, **Pandas**, **NumPy**, and **TF-IDF** achieving high accuracy.
- **Image Classifier using CNN (CIFAR-10)** *Ongoing, 2025*
  - Designing deep learning CNN model for classifying CIFAR-10 dataset.
  - Using **TensorFlow** and **Keras** for model building and training.

EXPERIENCE & TRAINING

- **AI Corporate Training (Acmegrade)**
  Online 2024
  - Hands-on training in AI concepts, ML models, and real-world project development.
  - Implemented **Spam/Ham Classification** project using NLP techniques.

TECHNICAL SKILLS

Languages: C++, Python, SQL, JavaScript
Core CS: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP)
Libraries/Frameworks: Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, OpenCV, YOLO, EasyOCR, ReactJS, NextJS
Tools/Platforms: Git, Jupyter Notebook, Google Colab, VS Code, Salesforce Trailhead, Windows

CERTIFICATIONS

- **Acmegrade Corporate Training**: Artificial Intelligence Program, 2024

- **Infosys Springboard**: Python (1,2), HTML Certification

- **IBM**: Fundamentals in Artificial Intelligence, 2025

- **Salesforce Trailhead**: Agentblazer Champion in AI Fundamentals (37 Badges, 10,875 Points)
  Trailhead Profile

ACHIEVEMENTS

- **Competitive Programming**: Solved 200+ problems on LeetCode, Grand Master League in Code360

- **Awards**: Excellent in NIIT NGURU (2015-16, 2016-17), District Rank 133 in Bhartiya Sanskriti Gyan Pariksha