# Aashutosh Kumar

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## Objective

To secure a challenging role as a Machine Learning Engineer in a reputed organization where I can leverage my expertise in deep learning, natural language processing, and data-driven model development to solve real-world problems. I aim to contribute to cutting-edge AI solutions, optimize model performance, and drive innovation while continuously enhancing my skills in MLOps, model deployment, and scalable AI architectures to align with business objectives and technological advancements.

## Education

**Lovely Professional University**                                                    Jalandhar, Punjab
Bachelor of Technology in Computer Science and Engineering, CGPA: 6.5                              2026
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Management Systems, Artificial Intelligence, Computer Networks, Software Engineering

**Indraprastha International School**                                                 Muzaffarpur, Bihar
Senior Secondary School Certificate (12th Grade), Percentage: 65%                                  2022
Key Subjects: Physics, Chemistry, Mathematics

**St. Xavier's Jr/ Sr School**                                                        Muzaffarpur, Bihar
Secondary School Certificate (10th Grade), Percentage: 83%                                         2020
Achievements: 5th Rank in Computer Science

## Technical Skills

Programming Languages : Python, Java, C++, JavaScript

Tools/Technologies : Git, GitHub

Operating Systems : Linux, Windows

Databases : MySQL

Frameworks : React.js

## Projects

Project Title: Banking Management Application

Description: A Banking Management System using Java
Technologies Used: Java
Impact/Achievements: User- friendly UI/UX for Banking
Demo/Code Link: https://github.com/aashutosh2004/PEP-Class/BankingManagement


Project Title: Blog Website
Description: A web-site that helps user to write their vlogs with customized fonts and themes.
Technologies Used: HTML, CSS, Javascript
Impact/Achievements: Gives a platform for user to express their thoughts.
Demo/Code Link: https://github.com/aashutosh2004/Blog_Website

## Certifications

Cyber Security and Privacy: Certification by NPTEL(Completed in 2024).

Fundamentals of Network Communication: Certification by University of Colorado (Completed in 2024).

Javascript for Web Development: Online course by Board Infinity (completed in 2023).

## Achievements

Research Paper Journal: Published a paper on "Glioma Grading Clinical and Mutation Features and Dataset Classification" in the University Technical

Published a paper on "Social Media Content Recommender" in the University Technical

## AI Recommendations for Improvement

Recommendation 1: Gain Industry Experience: Apply for internships or freelance projects in data analytics or machine learning to get real world exposure.

Recommendation 2: Enhanced Projects: Work on Kaggle datasets or contribute to open-source projects.

Recommendation 3: Learn Advanced Tools : Gain hands-on experience with Apache Shark, or Cloud Platforms like AWS, Azure, or GCP.

## Self-Assigned Tasks (Till $10^{th}$ week of this semester)

Task 1: Earn an Advanced Certification - Complete Cloud Certification.
Task 2: Contribute to an Open-Source a Projects- Engage in GitHub or other open-source projects related to AI, ML , or Data Analytics.
Task 3: Achieve 5-Star ranking in Java on HackerRank.

## Targets Allocated (Till $10^{th}$ week of this semester)

> **Targets Approved by Course Instructor**
>
> ○ Complete certification in [Certification Name].
> ○ Enroll in and complete [Specific MOOC or course].
> ○ Finish the project titled "[Project Name]" to strengthen your CV.

## Signatures

_____          _____
Student's Full Name                        Instructor's Full Name