

Rohan Singh

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Career Objective

Aspiring AI/ML Engineer and MLOps enthusiast, currently pursuing a B.Tech in CSE (AI specialization) with a strong academic record. Eager to apply technical skills, innovative thinking, and a passion for technology to solve real-world problems in an impactful organization.

Education

Bennett University

2022 – 2026

Bachelor of Technology (B.Tech), Computer Science Engineering with specialization in AI
CGPA: **9.25 / 10**

Skills

- **Programming Languages:** Python, C++, Java, SQLite
- **AI/ML:** Machine Learning, Deep Learning, TensorFlow, Numpy, Kaggle
- **MLOps:** DVC, AWS S3
- **Web Development:** React, HTML, CSS
- **Tools:** Draw.io, Microsoft Excel
- **Other:** Data Processing

Projects

Livestock Disease Prediction Model (Lumpy and Rinderpest) — Validation Accuracy: ~95.3%,
Test Accuracy: 96.56%

MLOps Pipeline Distribution using DVC — Developed scalable pipelines for ML model versioning and deployment using DVC.

AeroPINN — Used Physics-Informed Neural Networks (PINN) to simulate airflow patterns around airfoils in real time.

Advanced Regression on House Price — Built ML models for house price prediction using advanced regression techniques.

Certifications

- [Supervised Learning](#) — Coursera
- [Unsupervised Learning](#) — Coursera
- [Exploratory Data Analysis \(EDA\)](#) — Coursera
- [Network Fundamentals](#) — Coursera
- [Agile Testing](#) — Wingspan
- [Software Engineering](#) — Wingspan
- [Linux Basics](#) — Wingspan

Hobbies and Interests

Playing badminton, reading tech blogs