# Nishant Kumar Singh

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## Objective

Passionate and detail-oriented **AI/ML & Data Science enthusiast** with a solid foundation in **Python, Machine Learning, and Analytics**. Experienced in building predictive models, performing data visualization, and deploying AI solutions. Seeking an **internship opportunity** to apply analytical and programming expertise in solving real-world challenges.

## Education

**Quantum University, Roorkee**
B.Tech in Computer Science & Engineering

- **Coursework:** Artificial Intelligence, Machine Learning, Data Structures & Algorithms, Probability & Statistics, Database Management Systems, Data Mining

## Technical Skills

**Languages:** Python, R, SQL, C++, Java
**Libraries:** NumPy, Pandas, scikit-learn, TensorFlow, Matplotlib, Seaborn
**Tools:** Tableau, Power BI, Excel, Jupyter, Google Colab, Git, VS Code
**Concepts:** Data Preprocessing, Feature Engineering, Regression, Classification, Clustering, NLP, Model Evaluation
**Other:** API Integration, Flask (Basic Deployment)

## Certifications

- **Google Data Analytics Professional Certificate** — Skillshop
- **Oracle Cloud Infrastructure 2025 Certified Data Science Professional** — Oracle

## Experience

**Full Stack Web Development Intern**, Anonic Technologies Pvt. Ltd.

- Contributed to front-end and back-end development of responsive dashboards.
- Built using HTML, CSS, and JavaScript; improved data-driven workflow efficiency.
- Collaborated with team to integrate APIs and enhance user experience.

## Projects

**AI Chatbot for Student Query Assistance (Python, NLP, TensorFlow, Flask)**

- Developed NLP chatbot to assist students with course-related queries; trained on academic FAQs.
- Deployed via Flask web app for real-time conversation support.

**Movie Recommendation System (Python, scikit-learn, Pandas, Cosine Similarity)**

- Designed a content-based recommender using cosine similarity and text vectorization.
- Achieved **90% accuracy** in generating personalized recommendations.

**Student Performance Data Analysis (Python, Pandas, Seaborn)**

- Analyzed student performance dataset using EDA and correlation heatmaps.
- Derived actionable insights on study habits, attendance, and marks distribution.

## Extra-curricular / Achievements

**Deloitte Australia Data Analytics Job Simulation (Forage)**

- Completed Deloitte virtual simulation in data analysis & visualization.
- Built Tableau dashboards and analyzed structured datasets in Excel.

## Soft Skills / Areas of Interest

**Soft Skills:** Analytical Thinking, Communication, Problem Solving, Teamwork, Adaptability
**Interests:** Machine Learning, Deep Learning, NLP, Data Analytics, Predictive Modeling