ROHAN KUMAR MANDAL

CSE - ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

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SUMMARY

Pursuing a B.Tech in Computer Science (AI & ML), with expertise in Java, Python, HTML, and SQL. Passionate about problem-solving and developing real-world applications. Multilingual in English, Hindi, Nepali, and Maithili, and seeking internships or beginner roles to enhance skills and explore new technologies.

WORK EXPERIENCE

Internship Program Completed

- Artificial Intelligence Intern – RD Info Technology (Jan 2025 – Mar 2025)

Completed an 8-week virtual internship in Artificial Intelligence and received a certificate for outstanding performance.

-Introduction to Deep Learning (completed in June,2025)

-Introduction to Artificial Intelligence (completed in June,2025)

- Web Development Intern – CodSoft (Jun 2025 – Jul 2025)

 Successfully completed a 4-week virtual internship in web development and received a certificate for outstanding performance.

SKILLS (TECHNICAL)

- **Programming Languages:** Java, Python, HTML, SQL
- **Databases:** MySQL, MongoDB
- **Concepts:** OOPS, DBMS, DSA , Computer Network Basics, Machine Learning Basics
- **Tools & Platforms:** Git/GitHub, VS Code, Google Colab

PROJECTS

AI Car with Real-time Detection of Damaged Road and Lane   Sep 2024 - ongoing

- Developed a machine learning model using Python, TensorFlow/Keras, OpenCV, and Scikit-learn on Kaggle datasets in Google Colab to detect potholes, road cracks, and lane deviations in real-time.
- Applied computer vision techniques to process video streams, enhancing road safety for autonomous driving systems.

Loan eligibility prediction   Jan 2025 - Apr 2025

- **Program/Tool:** Python, Pandas, NumPy**,** Scikit-learn**,** Flask**,** HTML**,** CSS, JavaScript
- Built a Loan Eligibility Prediction system using Python and deployed it as a web application for real-time loan approval prediction.

EDUCATION

B.Tech – CSE (AIML)

- Jain Deemed-to-be University — Sep 2023 – Present
- SGPA: [8.5]

12th – NEB board

- Everest Florida High School. — August, 2020 - October, 2022
- GPA: [2.95]

10th – NEB board

- Siddhababa.Eng.Boa.High School — 2020
- GPA: [3.65]

CERTIFICATIONS

COURSERA
- Basics of Cisco Networking (completed in Dec,2024)
- Creating Database Tables with SQL (completed in Aug,2024)

ADDITIONAL INFORMATION

- **Languages:** English, Nepali, Hindi, Maithili
- **Soft Skills:** Problem-Solving | Teamwork | Adaptability | Communication | Time Management