Rishi Gautam

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Bachelor of Technology
in Civil Engineering
Indian Institute Of Technology, Ropar

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	7.25 (Till 5th Sem)	2022-2026
Senior Secondary	Central Board of Secondary Education	92.4%	2022
Secondary	Central Board of Secondary Education	94.6%	2020

EXPERIENCE

- **Encryptix** *June 2024 - July 2024*

  – One month virtual internship in Machine Learning
  – helped me to use the concepts of different types of Machine Learning models like Logistic Regression, Decision Trees, Random Forests, and SVM.

PROJECTS

- **Credit Card Fraud Detection** *June 2024 - July 2024*
  Machine Learning, Python **Github**
  – Trained a ML model to detect fraudulent credit card transactions using algorithms like Logistic Regression, Decision Trees, and Random Forests to classify transactions as fraudulent or legitimate.

- **Spam SMS Detection** *June 2024 - July 2024*
  Machine Learning, Python **Github**
  – Trained a ML model that can classify SMS messages as spam or legitimate.
  – Used techniques like TF-IDF or word embeddings with classifiers like Naive Bayes, Logistic Regression, and Support Vector Machines to identify spam messages.

TECHNICAL SKILLS

- **Programming skills**: C, Python, Machine Learning, Deep Learning, Computer Vision, SQL, Excel, Power BI
- **Programming Libraries**: NumPy, Pandas, Matplotlib, Plotly, Seaborn

KEY COURSES TAKEN

- **Civil**: Reinforced Concrete Structures, Rock Engineering, Strength of Materials, Structure Analysis, Fundamentals of Fluid Mechanics, Geomatics, Material Science for Civil Engineers, Pipe and Open Channel Hydraulics, Soil Mechanics
- **CSE & Maths**: Probability and Statistics, Linear Algebra, Differential Equations, Calculus, Introduction to C and Data Structures
- **Data Science & ML**: Summer Analytics 2024, a 6-week online course on Data Science & ML course offered by the **IIT Guwahati**, helped to learn Data cleaning, Data analysis, Machine Learning, Tree-based algorithms, Feature selection and engineering, and Artificial Neural Networks.

POSITIONS OF RESPONSIBILITY

- **Event Coordinator**,ATHLETICS, in AAROHAN, Annual Sports Fest, IIT Ropar *2024*
- **Volunteer**, in AAROHAN, Annual Sports Fest, IIT Ropar *2023*
- **Volunteer**, in Inter Year Sports Championship, IIT Ropar *2023*
- **Member**,Coding Club, IIT Ropar *2023*

ACHIEVEMENTS

- **Winner**, in Bridge Making Competition, Cesafiesta 2.0, Civil Engineering Symposium, IIT Ropar *2024*
- **Silver Medal**, in 100m sprint, Inter Year Sports Championship, IIT Ropar *2024*
- **Gold Medal**, in 4x100m relay, Inter Year Sports Championship, IIT Ropar *2024*