Kushal Radia

Data Science and AI Engineer

CONTACT

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Rajkot, Gujarat, India

EDUCATION

SECONDARY EDUCATION

S N Kansagra School
10th ICSE - 97.3 Percentage

BACHELOR OF TECHNOLOGY

Indian Institute of Technology, Bhilai

2025 - 2029

SKILLS

- Programming : Python, Java, C++
- Object-Oriented Programming
- Version Control : Git, GitHub
- Competitive Programming
- Critical Thinking
- Math : Calculus, Linear Algebra, Differential Equations
- Data Structures and Algorithms
- Excellent Communication and Collaboration Skills

SUMMARY

Focused Data Science & AI undergraduate at IIT Bhilai with a strong foundation in algorithmic problem-solving and machine learning. A detail-oriented developer dedicated to building scalable, high-quality solutions and applying technical rigor to real-world datasets in collaborative environments.

COURSEWORK

Pursuing a rigorous AI curriculum at IIT Bhilai focused on computational mathematics and algorithmic logic. Core studies emphasize Data Structures & Algorithms for efficient data processing, Linear Algebra (vector/null spaces, dimensionality reduction) for structural analysis, and Multivariate Calculus to build strong theoretical frameworks for machine learning optimization.

PROJECTS

- Finance / Math : Algorithmic Trading (OOP and Logic)
  Developed an object-oriented trading simulation to execute and evaluate mathematical market strategies.
- Data / Web : IPO Analysis (Data Visualisation)
  Built a web platform to help users analyze and visualize performance trends of Initial Public Offerings in the Indian stock market.
- UI / UX : Fest Website (Design and Frontend)
  Vibe Coded the interactive frontend and modern UI/UX for IIT Bhilai's fest website.
- Algorithms : Sliding Puzzle Game (Search & Problem Solving)
  Programmed a dynamic sliding puzzle game by applying core data structures and search algorithms for grid-state management.