

Rajeev Goel

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Location: Durg, India

PROFESSIONAL SUMMARY

- I have strong analytical and problem-solving skills. My academic and professional experiences, including a Data Analyst internship at NoQs Digital, have equipped me to deliver actionable insights through data-driven approaches. I am proficient in Python, C++, and MERN(Javascript), with expertise in frameworks like PyTorch and TensorFlow for Deep Learning based tasks.

EDUCATION

- **Indian Institute of Technology, Bhilai** CGPA: 9.12
B.Tech in Data Science and Artificial Intelligence *2022 - Expected Graduation: 2026*
- **Prayag Public School, Allahabad** Percentage: 95.4
Class XII - Intermediate, CBSE *2020 - 2022*
- **Bishop Johnson School and College, Allahabad** Percentage: 93.4
Class X - ICSE *2018 - 2020*

EXPERIENCE

- **TIH-IoT IIT Bombay (Chanakya) Fellow** Remote
Project Intern *December 2024 – Present*
 - **Deep Learning Model:** for tool breakage prediction.
 - **Full Stack Interface development:** for end device access of model.
 - **Technologies:** Spark, PyTorch, Google Colab, MERN and its libraries.
- **NoQs Digital** Remote
Data Analyst Intern (Star Intern Award & Letter of Recommendation) *July 2024 - August 2024*
 - **Data Analysis and Tool Automation:** Work with departmental managers to outline the specific data needs for business use. Using automated tools to extract data from various sources.
 - **Technologies:** Google Sheets, PowerBI, Google Colab, TensorFlow, Seaborn.
- **RecogX** Bhilai
Application Developer Intern *November 2023 - February 2024*
 - **App Dev:** JEE/NEET based online test application for students of class 11th and 12th. Consisting of features like MYOT (Make Your Own Test) for teachers to generate tests in PDF format for personal use.
 - **Technologies:** Flutter, Node.js, MongoDB.

PROJECTS

- **Sketch to Image Translation Model(S2I)** GitHub
A team project to develop a new GAN Based Neural Network obtain colored image of people's faces from their sketch. Tech used, PyTorch and its libraries.
- **Multimodal System for Image-to-Indian-Speech** GitHub
Developed pipeline for generating Indian language audio captions from images using BLIP, IndicTrans2, and gTTS for the aid of visually impaired people.
- **Grocery Delivery Route Optimizer Using Q-Learning** GitHub
Optimized grocery delivery routes using reinforcement learning with Q-learning to minimize costs and travel distance.

- **Breaking the Silence**

GitHub

Conducted an exploratory data analysis on rape statistics in India using data from NCRB and Twitter. Identified state-wise trends.

ACHIVEMENTS

- **InterIIT Tech-meet 13.0:** In Problem Posed by **ISRO** our team obtained 11th rank amongst 23 IITs.
- **Leetcode:** Solved more than 160 problems in all categories of difficulty and topics. [MyProfile]

SKILLS

- **Languages:** C/C++, Python, Dart(Flutter), JavaScript(MERN), TypeScript, LaTeX
- **ML Libraries & Frameworks:** PyTorch, TensorFlow-Keras, Pandas, Seaborn, Matplotlib, BeautifulSoup, plotly
- **Coursework:** Data Structures, Algorithms, Operations Research, Data Analytics and Visualization, AI, Optimization, Machine Learning, Natural Language Processing
- **Soft Skills:** Leadership, Communication, Collaboration, Analytical Skills, Problem-Solving, Time Management

CERTIFICATIONS

- **Competitive Coding Conclave:** IIT Madras, 2023
- **Fundamentals of Docker and Kubernetes:** Scaler, 2024

POSITIONS OF RESPONSIBILITY

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| • DSAI Representative
<i>04/2024 - Present</i> | Centre for Career Planning & Services, IIT Bhilai |
| • Mentor Coordinator
<i>04/2024 - Present</i> | Student Mentorship Programme, IIT Bhilai |
| • Executive
<i>02/2024 - 01/2025</i> | Student Alumni Cell, IIT Bhilai |