

Rajeev Goel

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EDUCATION

- **Indian Institute of Technology, Bhilai** August 2022 - Ongoing(2026)
B.Tech in Data Science and Artificial Intelligence CGPA: 9.25 [[Grade transcript](#)]
- **Prayag Public School, Allahabad** April 2020 - March 2022
Class XII - Intermediate, CBSE Percentage: 95.4

INTERNSHIPS

- **Code4GovTech - DMP 2025** June 2025 – Present
Contributor Remote
 - **Selected For:** Making the improvements in the RCTS-IIITH project for **AI-Assisted-Mental-Health-Screening-Application**
 - **Opensource Contribution:** towards the issue [[DMP 2025:AI-Assisted-Mental-Health-Screening-Application](#)]
 - **Developed:** a chatbot-based testing system. The chatbot offers an engaging and adaptive interface tailored for both children and adults, helping to conduct mental health assessments effectively.
 - **Technologies:** Python, ReactJS, Redux, NodeJS, MongoDB, FastAPI, Langchain, RAG based architecture
- **Assurant** May 2025 – Present
Gen AI Specialist Intern Remote
 - **Automated:** Report making based on the data pipeline through Data Lakehouse based on a prediction model.
 - **Optimized:** the sales by building a chatbot complementing the knowledge of sales specialists.
 - **Technologies:** PyTorch, Google Colab, Docker, Azure.
- **TIH-IoT IIT Bombay (Chanakya) Fellow** December 2024 – Present
Project Intern Remote
 - **Developed:** achieving 95.55% accuracy in a deep learning model integrating VAE and 1D-CNN.
 - **Designed and built:** PyQt5 based software for real time low latency access to the force data and model prediction.
 - **Technologies:** PyTorch, Google Colab
- **Polaris - IIT Bhilai** April 2024 – July 2024
Website Manager Remote
 - **Lead:** a team of 9 juniors to update and manage one of the official websites of IIT Bhilai
 - **Updated:** the UI/UX, the information and achieved 90% reduction in the loading time.
 - **Technologies:** PHP, HTML, CSS

PROJECTS

- **Here For You** [[Check it out](#)]
 - **Developed:** A privacy first design for mentally exhausted people to converse to a RAG based chatbot having knowledge of ICD-11 manual.
 - **Booking System:** for users to book appointments with mental health specialists based on Chatbots's recommendation.
- **Chat-bot integrated Portfolio** [[Check it out](#)]
 - **Developed:** Complete frontend using React.js and backend using FastAPI(Python).
 - **RAG based:** chatbot is integrated using LangChain and OLLAMA to answer queries related to me.

ACHIEVEMENTS

- **InterIIT Tech-meet 13.0:** Ranked 11th among 23 IITs solving an ISRO problem.
- **LeetCode:** Solved 280+ problems across difficulty levels. [[Profile](#)].
- **Got A grade in:** Algorithms, Data Analytics and Viz., Big Data, Artificial Intelligence, Machine Learning, Computer Networks(TCP/IP), Information Security, Natural Language Processing, Network Science.

SKILLS

- **Proficient in :** Python, C++, JavaScript, PyTorch, Langchain, FastAPI, MERN, RAGs, LLMs, NLP, Huggingface, Git, Github, version Control, Unix/Ubuntu based systems
- **Intermediate in:** DSA, Reinforcement learning, PowerBI, LangGraph, Docker ,Kubernetes, Azure, AWS

POSITIONS OF RESPONSIBILITY

- **DSAI Representative** April 2024 - April 2025
Centre for Career Planning & Services, IIT Bhilai
- Lead a team of 5 people assisting in placement process