

Raj Tripathi

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PROFESSIONAL SUMMARY

Data Scientist candidate with 2 months experience in data science and web development, proficient in Python and SQL. Demonstrated ability to innovate and solve technical challenges. Achievements include improving usability and efficiency in past projects.

EDUCATION

Bachelor of Technology, ABES Engineering College (AKTU)

Ghaziabad, India

GPA - 7.35 (as of 5th semester)
(2021 - 2025)

Middle School & High School, DAV Centenary Public School

Haridwar, India

XII Percentage: 75 % (2020)
X Percentage: 85% (2018)

SKILLS

General

Strong Communication Skills, Web Scraping, Problem Solving, Data Science, Data Analytics, Data Visualization, Machine Learning Algorithms, Deep learning, Natural Language Processing, Artificial Neural Networks, Experience with Full Stack

Programming Languages

C++, Python, SQL, HTML, CSS, JavaScript (ES5 & ES6)

Tools, Frameworks and Databases

Git/GitHub, Power BI, Tensorflow, Keras, Scikit-learn, Streamlit, LangChain, Hugging Face, React.js, Pypdf, MongoDB, spaCy, CI/CD Pipelines, MLOps, AWS, Numpy, Scipy, Pandas, Matplotlib, LLMs, ANN, RNN, CNN, LSTMs, Transformers (BERT, GPT), GRU

EXPERIENCE

VST Growth Business, Web Developer Intern

February 2024 – April 2024

- Enhanced user experience and workflow efficiency by 36% through collaborative innovation and effective idea diffusion.
- Improved functionality and user satisfaction by implementing new features within tight deadlines.
- Restructured the codebase for maintainability and scalability, integrating best practices, boosting team productivity by 30%, and accelerating project delivery.

SELECTED PROJECTS

Movie Recommender System

- Developed a movie recommendation system using TMDB 5000 dataset, **enhancing content discovery** by 30% through **text vectorization** and **cosine similarity**.
- Implemented **content-based filtering**, analyzing **5000+ movies** for personalized recommendations with **85% accuracy**.
- Tech Stack:** Python, Pandas, NumPy, Scikit-learn, NLTK, Streamlit

Google Gemini Clone

- Engineered a fully functional Google Gemini clone with **100% feature parity**, replicating functionality and design patterns.
- Optimized performance, **reducing load time by 20%**, and delivered a pixel-perfect UI aligned with Gemini's user experience guidelines.
- Tech Stack:** React.js, Google Gemini API, JavaScript, CSS, Git.

PresentSeek - The Attendance Management System

- Engineered detailed dashboards for **1,000+ students**, **improving attendance accuracy** by 25% and **reducing administrative management time** by 30%.
- Architected and optimized data management.
- Tech Stack:** HTML, CSS, JavaScript, Bootstrap, MySQL.

COURSE WORK

Data Structures and Algorithms || DBMS || Object Oriented Programming || Operating System

LINKS

Linkedin [↗](#) Kaggle [↗](#)
Github [↗](#) Portfolio [↗](#)
Leetcode [↗](#) Twitter [↗](#)