RITESH GOYAL

📞 +91 8905940711 • riteshgoyal9889@gmail.com • linkedin.com/in/RiteshGoyal9889 • github.com/riteshgoyal9889

Analytical and results-driven Computer Science undergraduate with strong specialization in Artificial Intelligence and Machine Learning. Experienced in building end-to-end data-driven systems using NLP, ML algorithms, and scalable databases to solve real-world problems with measurable impact.

EDUCATION

Bachelor of Technology in Computer Science & Engineering   Oct 2022 – Jun 2026
Dr. Vishwanath Karad MIT World Peace University, Pune   CGPA: 8.02

Higher Secondary Education (CBSE)   2019 – 2021
Rajeev Gandhi Memorial Boarding School, Sheopur   83.8%

Secondary School Education (CBSE)   2017 – 2019
Career Point Gurukul, Kota   83.2%

SKILLS

Programming Languages: Python, C++, JavaScript, MySQL
Core CS Concepts: Data Structures & Algorithms, DBMS, Operating System, Object-Oriented Programming
AI & Machine Learning: Machine Learning, Natural Language Processing, Data Science, Data Engineering
Web Development: HTML5, CSS3, Node.js, Express.js, REST APIs
Tools & Technologies: MongoDB, TF-IDF, Cosine Similarity, Pandas, NumPy, Scikit-learn, Streamlit, Git & GitHub, Postman, Tableau, OpenCV, Pandas, NumPy
Soft Skills: Problem-Solving, Team Collaboration, Critical Thinking, Public Speaking

PROJECTS

Resume Builder, Parser & Intelligent Analyzer   2025
Tech stack: Python, NLP, Streamlit, TF-IDF, Cosine Similarity
   • Built an interactive resume builder using Streamlit for real-time resume creation and PDF generation.
   • Implemented an NLP-based parsing pipeline achieving 85% accuracy for skills and profile extraction.
   • Developed a semantic job-matching engine using TF-IDF and cosine similarity with 90% match accuracy.
   • Optimized preprocessing and vectorization to reduce latency and enhance recommendation quality.

Finnova – Smart Finance Tracker with AI & Automation   2025
Tech stack: React.js, Node.js, SQL, NLP, JWT
   • Built an AI-driven finance tracker with automated expense categorization and multi-account support.
   • Integrated OCR-based receipt scanning for instant extraction and budgeting.
   • Designed analytics dashboards with category-wise insights, alerts, and spending patterns.
   • Implemented secure authentication using JWT and optimized backend APIs.

PawFinds – MERN-Based Pet Adoption Platform   June 2025
Tech stack: MongoDB, Express.js, React.js, Node.js, Context API
   • Built a full-stack pet adoption system enabling pet listings, adopter applications, & admin approval workflows.
   • Developed secure user flows with role-based access, protected routes, and environment-managed credentials.
   • Implemented pet search, filtering, detailed profiles, and responsive UI for seamless adoption experience.
   • Integrated REST APIs and security enhancements.

CERTIFICATIONS & ACHIEVEMENTS

   • Completed SQL Certification from Let's Upgrade (joins, indexing, optimization).
   • Secured 1st Rank (school) and 39th State Rank in International Talent Hunt Olympiad (ITHO).
   • Achieved 171st State Rank and AIR 1959 in Smart Kid General Knowledge Olympiad.
   • Volunteered with PRASHRAYA NGO, leading women's hygiene awareness initiatives, child education programs.