

T. Rishikesh Yadav

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Education

International Institute of Information Technology (IIIT) Hyderabad M.S. in Data Science	Aug 2024 – May 2026
Vardhaman College of Engineering , Hyderabad B.E., Electronics and Communication Engineering	Aug 2020 – May 2024

Experience

LoginRadius <i>Software Developer Intern</i>	April 2026 – May 2026
• Debugged and resolved authentication flow issues in CIAM platform; collaborated with backend engineers on REST API optimization and production deployment workflows. • Contributed to security hardening by testing token lifecycle workflows (JWT refresh, invalidation) and documenting edge cases for credential recovery systems.	

Technical Skills

- **Languages:** Python, SQL, JavaScript, Java
- **Backend:** FastAPI, REST APIs, JWT Authentication, Node.js
- **Databases:** MongoDB, SQL
- **Machine Learning:** Scikit-learn, Pandas, NumPy, Sentence Transformers
- **Tools:** Streamlit, BeautifulSoup
- **Concepts:** ETL Pipelines, Semantic Search, TF-IDF, Cosine Similarity, Authentication & Authorization

Projects

AI Resume Match Assistant <i>Python, FastAPI, Streamlit, Sentence Transformers, Ollama (Mistral)</i> Live App	2026
• Designed and developed an end-to-end AI-powered resume analysis platform that performed semantic job matching, ATS-style skill evaluation, and AI-generated resume feedback through an interactive web interface. • Built a hybrid scoring engine combining Sentence Transformer embeddings, cosine similarity, weighted skill matching, and experience-based heuristics to generate explainable resume-job compatibility scores for uploaded resumes and job descriptions. • Processed 80+ resumes and job descriptions in testing, giving candidates clear, explainable match breakdowns via an interactive dashboard.	
AUTH Shield <i>Python, FastAPI, MongoDB, JWT, Slowapi, Tailwind CSS</i> Live Demo	2026
• Architected a production-grade CIAM service implementing OAuth2 Refresh Token Rotation (RTR) and automated token reuse detection (RFC 6749) to eliminate token replay and session hijacking.. • Engineered defensive API security featuring SlowAPI sliding-window rate limiting, 3-attempt brute-force account lockout, and cryptographic single-use password recovery tokens with strict 15-minute TTL. • Designed and deployed a full-stack interactive security playground on Render with real-time JWT claim inspection, animated token lifecycle rotation, and live attack simulation capabilities..	
GovInsights Lite — Web Article ETL & Search Engine <i>Python, FastAPI, BeautifulSoup, Scikit-learn</i> GitHub	2025
• Designed an end-to-end ETL pipeline that extracted, cleaned, and indexed public education policy articles from government websites, automating previously manual research workflows. • Built a TF-IDF keyword search engine using Scikit-learn — a practical ML-powered system — enabling ranked, precision-driven retrieval across a growing corpus of policy documents. • Exposed all pipeline capabilities through a FastAPI RESTful service, enabling scalable, HTTP-accessible data queries for downstream consumers; owned the feature from design to deployment.	