Shreya Raj Gupta

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SUMMARY

Detail-oriented Software Developer with strong experience in process automation, system implementation, and data-driven solutions. Specialized in IAM/IGA lifecycle management, workflow automation, and secure API integrations. Proven ability to assess existing systems, identify operational gaps, and implement scalable solutions that improve efficiency, compliance, and reporting. Adept at cross-functional collaboration and translating technical solutions for business stakeholders.

EDUCATION

VIT Bhopal University — 2022 – 2026
B.Tech in Computer Science Engineering (Health Informatics) — Bhopal, MP

PROFESSIONAL EXPERIENCE

Ilantus Services — May 2025 – July 2025
Software Developer Intern — Remote
- Conducted assessment of identity governance and access management (IAM/IGA) processes to identify automation and compliance gaps.
- Designed and implemented an agentic AI-driven IAM/IGA solution using SailPoint IIQ and n8n, improving workflow efficiency.
- Developed an LLM-powered chatbot integrated with SailPoint to streamline access requests, reducing manual tickets by 30%.
- Automated Joiner, Mover, and Leaver (JML) lifecycle workflows through SCIM API integrations, reducing manual effort by 80%.
- Implemented automated access certification and role-mining workflows using Playwright, accelerating review cycles by 50%.
- Collaborated with security, product, and engineering teams to ensure seamless system integration and stakeholder alignment.

Eko Hand — Jan 2025 – Apr 2025
UI/UX Developer Intern — Remote
- Designed and optimized user-centric interfaces in Figma based on business and user requirements.
- Analyzed user interaction metrics to identify usability improvements, increasing user retention by 25%.
- Translated analytics insights into actionable UI enhancements to support data-driven decision-making.

PROJECTS UNDERTAKEN

AI Agent for Automated Assignment Evaluation — Aug 2025 – Oct 2025
- Engineered an AI-based evaluation agent using Gemini LLM and n8n to automate assessment workflows for 500+ submissions.
- Integrated Google Classroom, Drive, and Sheets APIs to generate structured reports and performance metrics.
- Reduced manual evaluation time by 85% while improving consistency and traceability.

NeuroMan − Early Neurodiagnosis Tool — Dec 2024 – Feb 2025
- Developed a Flask-based analytical system supporting early neurodegenerative diagnosis through predictive modeling.
- Implemented MongoDB for structured data management of 10,000+ records with real-time querying and reporting.
- Improved diagnostic accuracy by 18% through data-driven model optimization.

Fake News Detection System — 2024
- Built a text classification system using BERT and TF-IDF for content verification and risk identification.
- Achieved 92% accuracy on a dataset of 20,000+ articles and deployed a Streamlit-based reporting interface.

SKILLS

- **Programming Languages:** Python, Java, C/C++
- **Databases:** MySQL, PostgreSQL (pgvector), MongoDB
- **Data & AI:** Pandas, NumPy, Scikit-learn, TensorFlow, LLMs
- **Frameworks:** Flask, Streamlit
- **Automation & Systems:** SailPoint IIQ, IAM, SCIM APIs, Workflow Automation
- **Tools:** Playwright, Git, Docker, REST APIs, n8n, Figma

CERTIFICATIONS

- Introduction to Generative AI – IBM SkillsBuild (2025)
- AWS Certification Course – IntelliPaat Academy (2025)
- Applied Machine Learning in Python – Coursera (2023)

EXTRA-CURRICULAR ACTIVITIES

- Vice-President, Mozilla Firefox Club – Led a 50-member team, increasing engagement by 40%.
- Main Coordinator, Industry Conclave – Coordinated speakers and anchored valedictory session.
- Smart India Hackathon (SIH) 2024 Finalist.
- Health Hackathon – VIT Bhopal & Johns Hopkins University (2025).
- SolVIT Hackathon – Advanced to Round 3 with a full-stack solution (2025).