

KEERTHANA R

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SUMMARY

Motivated and detail-oriented B.Tech undergraduate in Artificial Intelligence & Data Science from Reva University, with strong programming skills in Python .Skilled in Python, SQL, Power BI, and web technologies. Actively exploring GenAI, NLP, and recommendation systems. Seeking to apply my skills and creativity to contribute to innovative AI-driven products. Experienced in building real-world solutions through academic and self-initiated projects

PROJECTS

AI Based Grievance Lodging and Tracking System

- Designed and developed an AI-based grievance lodging system enabling users to submit and track complaints through a user-friendly interface.
- Implemented NLP techniques to classify and prioritize complaints, improving resolution efficiency and response tracking.

Personal Finance Tracker with Visualization

- Developed a finance app to track user expenses and display insights using Power BI and backend storage in MySQL.
- Built data flow pipelines with structured data models for scalable analytics.

Resume Analyzer & Job Tracker

- Built a full-stack web app using Python, Flask, MySQL, and NLP (spaCy, NLTK) to analyze resumes, suggest improvements, score ATS-compatibility, and generate lean PDF resumes.
- Integrated job role matching and an application tracker dashboard for real-time job suggestions and tracking applied jobs with status updates.

EDUCATION

B.Tech in Artificial Intelligence and Data Science

2022 - 2026

Reva University, Bangalore

Current CGPA - 9.38

Cumulative CGPA - 8.8

SKILLS

- **Languages:** Python, C , SQL , HTML, CSS
- **Libraries/Tools:** Pandas, NumPy, Scikit-learn, Power BI, Matplotlib, Seaborn
- **Domains:** ML (Classification, Regression, Clustering), NLP, Data Visualization
- **Other Tools:** Git & GitHub, Flask (basic), MS Excel

CERTIFICATIONS

- **Database Management System** – NPTEL (IIT Certified)
- **Python Foundation** – Infosys Springboard

HACKATHON PARTICIPATION AND COMPETITIONS

- **Scroll Hacks 2024** – AI prototype (virtual hackathon)
- **Lean In Hacks 2025** – Women-led tech event, backend & ideation
- **WIE IEEE GTBIT** - Certificate of Participation