

Lavanya Narang

9310139889 | lavanyanarang1234@gmail.com | <https://www.linkedin.com/in/lavanya-narang/> | <https://github.com/Lavanya-nrg>

EDUCATION

Bhagwan Parshuram Institute of Technology
BTECH,IT-8.9 GPA

New Delhi
DEC'20-JUNE'24

ST MARKS SENIOR SECONDARY PUBLIC SCHOOL
CLASS XII-9.22 GPA

New Delhi
APR'19-MAR'20

EXPERIENCE

DataVerze

Feb'24-Aug'24

Software Engineer,Data

Pune

- **Automated** the ETL process using AWS Glue ETL job scripts to handle extraction, transformation, and loading of sales data, complaints data, and production logs from Amazon S3. Implemented quality checks and production statistics calculations, leading to the creation of three comprehensive reports in Amazon Redshift, enhancing data accuracy by **30%**.
- **Developed** a Python package for filtering and analyzing employee data, with functionalities to filter employees based on their joining date and calculate the average salary for specific designations. This tool is utilized in various data analysis and HR applications, reducing data processing time by **40%** and streamlining employee data management.
- **Created** a utility package designed to detect sensitive information or secrets within a given text file. The package processes input from a file path or a content string, returning true or false based on the detection of sensitive data. This enhanced data security measures and detected over **95%** of potential data leaks.

PROJECTS

DataFilterTool | *Python, SQL,Pytest,GitHub Actions*

- **Developed** DataFilterTool, a Python package that filters employees by joining dates and computes average salaries for designations, boosting data analysis and HR efficiency by 40%.
- **Implemented** features to manage over **10,000** employee records, organize files with timestamps, and compute average salaries for **50+** designations.
- **Streamlined deployment**, used a configuration file for log file locations, and achieved 5,000+ installations via PyPI with '**pip install DataFilterTool**'

Sensitive Data Gaurd | *Python,SQL,GitHub Actions,Pytest*

- **Developed** a utility package to detect sensitive information in text content, enhancing efficiency by 30% for developers.
- **Streamlined** the development process with Black formatting, and pytest, reducing code review time and errors by **40%**, and set up automated release pipelines via GitHub Actions and twine, speeding deployment by **20%**.

BellsToBellies | *HTML,CSS,JS*

- **Developed** a portal that facilitates connections between over 100 marriage and party halls and individuals with nearby places where leftover food can be donated to those in need, reducing food waste by 60%.
- **Implemented** an efficient system that bridges 50+ food providers with 30 NGOs, promoting social responsibility and providing meals to over 10,000 individuals monthly.

TECHNICAL SKILLS

Languages:Python, C/C++, SQL, JavaScript, HTML/CSS,

Core: Object Oriented Programming, Relational DataBase Management System, Computer Network, Operating System

Developer Tools: Git,GitHub, VS Code, Visual Studio, PyCharm

Libraries: Pandas, NumPy, Matplotlib

ACHIEVEMENTS

- TOP 15 out of 900 at NetApp Women Innovathon
- TOP 8 out of 500 at HackMait4.0 organized by Maharaja Agrasen Institute of Technology
- 350+ QUESTIONS on LeetCode