

Lavish Sharma

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SUMMARY

Strong in design and Integration with intuitive problem-solving skills. Proficient in ML, PYTHON, SQL. Passionate about implementing and launching new projects. Looking to start the career as entry-level software engineer with a reputed firm driven by technology. Proficient in Python, and MySQL, with expertise in statistical analysis, machine learning, and data visualization.

SKILLS

Programming Language : Python.

Machine learning With Python: SVM, SVR ,AdaBoost, XGboost, Random Forest, Decision tree.

Deep Learning : CNN, ANN, RNN.

Data Tools : Power bi , Tableau, Advanced Excel.

Database : MySQL.

PROJECTS

- Smart Attendance System Using Face Recognition (Python, CNN, CVZone, OpenCV, Dlib etc)**
The Smart attendance System is a system that automates attendance-taking using facial recognition. It eliminates the need for manual attendance-taking which is time-consuming and prone to errors. This system will use camera to capture the face of each person and match it with database to identify them. The system will store attendance records for each of the student in Firebase-database by Google.
- Virtual Voice-Assistant (Jarvis)**
“JARVIS” is an advance virtual voice assistant designed to automate daily tasks using voice commands AI technology. We can interact with it through speech recognition and natural language processing capabilities. From opening applications to answering queries and automating tasks, Jarvis enhances user productivity and convenience. Employing cutting-edge AI algorithms, Jarvis delivers intelligent, contextually-aware responses and converts text inputs into lifelike speech for natural interactions.
- Insurance Prediction System (Python, Scikit, ML's Algorithm, Tkinter GUI)**
This project involved building SVM based regressor to predict the insurance premium charges. The model is trained the insurance data from past and can accurately predict insurance policy costs by using necessary elements to measure payment as its inputs such as age, gender, BMI etc.
- Revenue Navigator (Power bi)**
The project aims at providing actionable insights and analytics to revenue team within hospitality domain using Power bi. It displays key revenue metrics such as RevPar, ADR, Revenue, DSRN, and more resulting in 25% improvement in data accuracy. Incorporates interactive features such as slicers, filters, and drill-down capabilities to reduce data exploration time by 30%.

Experience

Nimesa Technologies HSR Layout, Bengaluru (AI Automation Associate Engineer)

Sep 2024

- As an AI Automation Associate Engineer, I play a key role in bringing intelligent automation solutions to life. I get to collaborate closely with data scientists, developers, and business analysts, all working together to build systems that streamline repetitive tasks and make processes more efficient.
- This role gives me a great mix of hands-on technical work and the chance to think critically about how AI can enhance business operations. It's exciting because it allows me to grow my skills in AI and automation while contributing to real-world solutions.

EDUCATION

- St. Mary Sen.Sec School (CBSE).**
Matriculation and Higher Secondary.
2020
Sujanpur (Punjab)
April 2017 – March
- Punjab Technical University (PTU).**
Bachelor of Technology- Computer Science & Engineering.
2024CGPA : 8.2 / 10.0
Kapurthala (Punjab)
August 2020 – June

PROFESSIONAL CERTIFICATIONS

- Certified in Data Science and Analytics Training**
By Besant technologies Bengaluru
(In July 2024)
- Certified in Python Machine Learning**
By Netmax Technologies Pvt. Ltd
(In July 2022)