

Name : Ashish Kumar

DESIGNATION : SDET/FOUNDER & PRODUCT DEVELOPER - A28 AI LAB

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SUMMARY

Detail-oriented SDET, Data Analyst and aspiring an AI product innovator with strong skills in Python, Selenium, data visualization, and machine learning. Recently built and deployed an AI-powered resume analyzer (SkillScope) under my own initiative, A28 AI Lab - startup registered under GOI. Experienced in end-to-end project development including data extraction, NLP, fuzzy matching, model implementation, automation testing and deployment via Streamlit. Skilled in tools like Power BI, Pandas, spaCy, SQL, and CI/CD pipelines. Passionate about building real-world solutions that solve domain-specific problems and exploring AI-driven product development.

TECHNICAL SKILLS

- Languages: Python, Core Java, SQL, Scikit-Learn
- Libraries & NLP : Pandas, NumPy, Matplotlib, Seaborn, spaCy, RapidFuzz, PyMuPDF
- Tools : Streamlit, Power BI, Selenium WebDriver, CI/CD Pipeline, JIRA, GitHub, Jenkins, Git, DAX Query
- Methodologies & Concept s: Agile Methodology, STLC/SDLC, Machine Learning (Decision Tree Regressor), Data Analysis

PROJECTS

Insurance Data Analysis - Link

- Performed EDA and built a Decision Tree Regressor model on insurance data to predict charges. Extracted insights on age, BMI, smoking habits, and dependents, and evaluated model performance using MAE to identify optimal tree size.

E-commerce Data Analysis - Link

- Appreciated by Microsoft Power Platform on LinkedIn, this project showcases an end-to-end analysis of an e-commerce dataset using Python for data cleaning and exploration, and Power BI for interactive dashboarding and insights.

Employee Performance Analysis - Link

- This Python project allows you to collect, analyze, and visualize employee performance based on tasks completed and ratings.

Trump Tariff Analysis - Link

- This project analyzes US import and export trade data, identifying the top trading partners, calculating export-to-import ratios, and visualizing key patterns with bar and pie charts. Built for hands-on data analysis practice using Python.

WORK EXPERIENCE

Founder & Product Developer

July, 2025 - Present

A28 AI Lab - Govt of India - Recognized Startup

Remote

- Built SkillScope: an AI-powered resume-JD matcher using Python, NLP (spaCy), OCR (Tesseract), and Streamlit.
- Developed DripDesk: an automated client follow-up and lead tracking system with customizable reminders.
- Led end-to-end design, fuzzy logic implementation, and resume ranking logic for real-world recruiter use.
- Used tools like RapidFuzz, pandas, GitHub, and Streamlit to deliver deployable, ATS-optimized products.

**Freelance Data Analyst / SDET,
RIB Investments And Infra Developers
Location - Remote**

Dec, 2023 - Mar, 2025

- Analyzed business and customer data to support lead generation and improve outreach strategy.
- Created dashboards and reports using Power BI, Excel, and SQL for internal decision-making.
- Automated reporting and data-cleaning processes using Python and Pandas.
- Automate test cases using Selenium and Python and reduced defects by 30%.
- Received a formal experience letter and provided ongoing support on demand.

**Product Validation Engineer, GreyOrange
Location - Gurugram**

Aug, 2022 - Apr, 2023

- Deploy and validate the latest builds using agile methodology.
- Resolve issues occurring at the client's end.
- Automate test cases using Selenium and Python and reduced defects by 20%.
- Recognized with the Spirit award for outstanding performance.
- Created an end-to-end automation tool (Tower-Automation) for testing, reducing testing time by half.

**Virus Positive Technologies Pvt Ltd
Location - Gurugram**

Dec, 2020 - Jun, 2021

- Conducted detailed manual and automated testing to ensure software quality, leading to a 15% reduction in post-release bugs.
- Created and maintained comprehensive test cases, test plans, and defect tracking reports using tools like JIRA
- Collaborated with cross-functional teams to define, develop, and implement quality assurance standards and best practices. Resolve issues occurring at the client's end.
- Performed root cause analysis and provided actionable insights to improve product performance, user experience, and reliability.

ADDITIONAL INFORMATION

- **Languages: English, Hindi, Spanish.**
- **Certifications:**
 1. SQL (Intermediate) - HackerRank
 2. Intro to Machine Learning - Kaggle
 3. Oracle SQL Explorer Badge
 4. Python - Basic - HackerRank
 5. Legacy Python- Free Code Camp.
- **Awards/Activities: Spirit Award (2022) for Exceptional Performance - GreyOrange**

EDUCATION

- **Bachelor of Technology in Computer Science**
Krishna Institute of Engineering and Technology, Ghaziabad
- **12th - CISCE(ICSE/ISC), English**
Lucknow Public School, Lucknow
- **10th - CISCE(ICSE/ISC), English**
Lucknow Public School, Lucknow