

Rohan Goyal

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SUMMARY :

Results-driven Python Developer with 2+ years of experience building data-centric applications and scalable analytics pipelines. Skilled in designing robust ETL workflows, optimizing data processes, and integrating ML-driven features. Passionate about writing clean, maintainable code and delivering solutions that drive measurable business outcomes. Proven ability to collaborate cross-functionally to turn complex data into automation and actionable insights.

SKILLS :

Methodologies: Agile, Scrum

Programming Languages: Python, SQL, R, Core Java, HTML, CSS, (React, NodeJS)

Libraries & Frameworks: NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit-learn

Data Analytics & ETL: Data Cleaning, Transformation, ETL Pipelines, Data Warehousing, A/B Testing, Hypothesis Testing

Machine Learning: Linear/Logistic Regression, Random Forest, K-Means, XGBoost, KNN

Visualization Tools: Tableau, Advanced Excel (Pivot Tables, VLOOKUP, Charts)

Cloud & Big Data: GCP (BigQuery), Apache Spark

Version Control & Tools: Git, GitHub, GitLab, Talend API Tester

PROFESSIONAL EXPERIENCE :

Python Developer

Jul 2024 - Present

Perficient Placements

- Build and maintain scalable data pipelines using Python, SQL, and Apache Spark to process 5M+ records weekly, increasing data availability and reducing report latency by 30%.
- Integrate ML models into Python workflows for churn prediction and sales forecasting, boosting automation efficiency by 25%.
- Optimize 100+ SQL queries and Spark jobs, reducing data processing time by 40% and enabling analysts to generate insights 2x faster.

Python Developer

Apr 2023 - Jul 2024

Nefroverse

- Developed Python scripts to automate data processing and feed real-time metrics into dashboards, improving data visibility by 35%.
- Built and maintained ETL workflows with Python and SQL, reducing manual data handling by 50% and improving accuracy across reporting systems.
- Collaborated with analysts to integrate backend data pipelines with BI tools, reducing reporting delays by 40% and accelerating decision-making cycles.

Python AI/ML Intern

Aug 2021 - Sept 2021

Elite Techno Groups

- Developed a Python-based Inventory Management System using JSON for data handling, reinforcing core programming skills and backend logic design.
- Performed exploratory data analysis on Olympic dataset using Pandas and NumPy to identify patterns and trends across sports and nations.
- Built a Breast Cancer Detection model using supervised learning algorithms and basic deep learning techniques, gaining hands-on exposure to ML model training, evaluation, and prediction workflows.

Education

Poornima University, India

Oct 2020 - Dec 2023

Bachelor of Computer Application's in Data Science

Certificates

1. SQL Crash Course for Data Science
2. Training in Machine Learning
3. Training in Python

4. SDP on Data Science – ML&AI
5. SDP on Advance Excel with Tableau
6. Data Analytics: 1 Foundations