

DEEP DURUGKAR

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SUMMARY

Data Engineer with 3.3 years of experience in Python development, data management, and automation. Proficient in Python, Pandas, PYSPARK, Snowflake SQL, Django, Tableau, Power BI, GIT, and Docker, DATABRICKS, AZURE DATA FACTORY, DELTA LAKES. Skilled in ERP solutions, automating Excel reports, OCR tools, web scraping, PDF extraction data visualization, and workflow automation. Proven ability to enhance data management efficiency and streamline business processes. Adept at collaborating with cross-functional teams to deliver high-quality software solutions. Seeking to contribute technical expertise and problem-solving skills to innovative projects in a dynamic environment.

TECHNICAL SKILLS

Python: Pandas, Pyspark, Tkinter, XLwings (Excel Automation), Web scraping (Selenium, BeautifulSoup, Requests).

SQL: Snowflake SQL for database querying and management and MYSQL.

Web Development: HTML, CSS, Django for backend development.

Data Visualization: Tableau and POWER BI for creating interactive dashboards.

Automation: Power Automate for workflow automation, Vcron for scheduled tasks, Excel Automation using XLwings.

Software Deployment: Docker for containerization and software composition.

PROJECTS

Risks Reports (Price Assessment, Daily Margin Stress, Derivative Position Report, Daily Position Report, Sales Report, Consolidation Report)

October 2024 – February 2025

Tableau, Power BI, Spreadsheets

- Risk Reporting: Analyzed Price, Margin Stress, and Position Reports to assess financial risk.
- Derivative Monitoring: Tracked derivative positions for compliance and risk optimization.
- Data Insights: Compiled Sales & Consolidation Reports for strategic decisions.

EAGS Quote Generator

October 2023 – March 2024

ERP TOOL

Python, Tkinter, Snowflake SQL, Pandas

- Developed a comprehensive ERP application for Energy Alloys Global Solutions to solve data and quotes management challenges.
- Integrated features for tracking sales, revising terms, and maintaining records.
- Significantly improving data management efficiency.

AR Credit Reports Automation

March 2024 – May 2024

EXCEL AUTOMATION

Python, XLwings

- Created a fully automated Excel report generation system, enhancing accuracy and Efficiency.
- Implemented an automatic mailing system with scheduled runs on Vcron.
- Reducing manual workload and ensuring timely report distribution.

Revelio OCR Tool

April 2024 – June 2024

OCR TOOL

Python, Django, Angular, Rest API, PyTesseract, Opencv

- Worked on OCR tool using pytesseract for scraping data from PDFs.
- Enhanced data extraction accuracy and streamlined the process of converting PDF content into structured data formats.

DDG Automation (Distilled Dried Grain)

March 2024 – May 2024

ETL Process

Python, Tabula, Pandas, Pyspark, Snowflake(SQL)

- To extract data from a Tables, present inside the PDF file added logic to handle variable positions of table caused due to addition or removal of products inside the pdf.
- Transforming the raw data extracted from the pdf use pandas for the same as well.
- After getting the transformed data, the data is uploaded into snowflake in respective table.

Similarly created many processes like this having pdf as their source and snowflake as their destination.

SINGAPORE AUDIT REPORT

Jan 2024 – May 2024

ETL and WEBSCRAPING

Python, Pandas Requests, Selenium, BeautifulSoup, Snowflake (SQL)

- Scraped data from JD EDWARDS Website using **Selenium** for dynamic content handling and **Requests + BeautifulSoup** for static data extraction.
- Processed and wrangled the scraped data into a consolidated format while handling outliers and unusual records.
- Reduced manual workload by 90% and ensured timely, automated distribution of audit reports.
- Generated inventory movement samples (IMS) from the cleaned data.
- This process successfully generated IMS data for the years 2017, 2018, 2019, and 2020.

EXPERIENCE

Senior SDE (Data Engineer)

April 2025– Present

DEV-ASHISH CAPITALS PRIVATE LIMITED (Blinkrloan)

Building ETL pipelines to ingest data from APIs, files, and databases into a centralized data warehouse.
Ensured data integrity through automated checks, monitoring, and analysis.

Data Engineer

Sept 2022 – April 2025

Neurix Technologies (SUB BIOURJA INDIAINFRA PVT LTD)

- Developed and maintained Python scripts for data manipulation and analysis using Pandas, PYSPARK. Utilized Snowflake SQL for querying and managing large datasets.
- Created automated workflows using Power Automate to streamline business processes and improve efficiency.
- Developed Excel Automation Scripts using XLWINGS Module which is like Macro.
- Developed an ERP TOOL for improving data management efficiency.
- Automated the generation of AR Credit reports with Python, integrating an automatic mailing system with scheduled runs on Visual Cron.
- **Software Deployment and Maintenance:** Utilized Docker for composing and deploying complete software solutions. Managed version control and deployment processes to ensure smooth and reliable updates.
- **Data Visualization and Reporting:** Designed and developed interactive dashboards in Tableau to provide insights and data visualizations for stakeholders.

Web Developer (Intern)

March 2021 – August 2021

Smashing Infolabs Private Limited Indore, India

- Implemented responsive design principles, guaranteeing seamless compatibility across various devices.
- Hand-coded HTML and CSS to create clean, semantic, and responsive web pages, improving user experience.
- Developed and maintained server-side scripts using PHP, optimizing website functionality.

EDUCATION

Minor in AI

Sep 2024 – Present

Indian Institute Of Technology Ropar.

B. Tech in Computer Science

Indore, India

Acropolis Technical Campus (RGPV)

Aug 2019 – May 2023

Grade – 8.36 CGPA

12th Standard

Indore, India

Lokmanya Vidya Niketan(C.B.S.E)

Aug 2018 – May 2019

Grade – 75%

10th Standard

Indore, India

Lokmanya Vidya Niketan (C.B.S.E)

Aug 2016 – May 2017

Grade – 8.24 CGPA