Rohan R. Pawar

Data Analyst,
Software Engineer

👤 18th July 1996

✉ 816 A-Wing Devarshi Complex, Pune

📞 +917798764728 +919511667712

@ rohan.pawar959@gmail.com

🚩 Nationality: Indian

Social Network ———

in, LinkedIn Profile

Github Profile

StackOverFlow Profile

My Website

Languages ———

🇬🇧 English   ● ● ● ● ○

🇮🇳 Hindi   ● ● ● ● ●

🇩🇪 German   ● ○ ○ ○ ○

Soft Skills ———

🎤 Effective Communication ● ● ● ●

👥 Team Work ● ● ● ●

Problem Solving ● ● ● ●

x^2 Critical Thinking ● ● ● ●

🔒 Integrity and Adaptability ● ● ● ●

💡 Willingness to Learn ● ● ● ●

🕐 Time Management ● ● ● ●

Working Experience

| Oct 2018 - Mar 2019 | **Project Trainee - Apprenticeship**   Persistent Systems Limited |

Contributing to the technical development of the solution

- Work with business analyst groups to ascertain their database reporting needs. Understanding data warehousing concepts.
- Writing Python Scripts to Pull big data from various sources and manage all the data on spark clusters.
- Writing various database connectors in python to automate various SQL tasks.

| Mar 2019 - Current | **Software Engineer | Data Analyst**   Persistent Systems Limited |

Development of complex ETL pipelines and building dashboards

- Natural language processing using python's NLTK library.
- Creating ETL and ELT to process for multiple tables from different warehouses and add business logic optimistically.
- Applying expertise in data storage structures, data mining, and data cleansing.
- Creating Visualization Dashboards for various business solutions using different tools like Power BI, Tableau, DOMO and ThoughtSpot.
- Implementing Machine Learning algorithms for prediction and analyze.
- Using libraries like Scikit learn, Pandas, NLTK, NumPy, and MatPlotLib to build optimised and clean analytical solutions.

Education

| 2014 – 2018 | **Bachelor of Computer Engineering**   SP Pune University |

Focus: In-depth studies on the Computer Science and its derivatives. Methodologies in Software Engineering, Object Oriented Programming, Microprocessors, Computer Networks.

| Feb 2014 | **Higher Secondary Certificate Examination**   Kolhapur Divisional Board |

Focus: Fundamentals of Science, Physics, Chemistry, Differential Algebra, Integration, Geometry, Computer Science

| Mar 2012 | **Secondary School Certificate Examination**   Kolhapur Divisional Board |

Focus: General Science, Mathematics, History, Economics and Languages

Awards

| 2018 | **Bravo - Individual Award**   Persistent Systems Limited |

For implementing Keyword extraction algorithm in government POC, Creating Data Prep tasks for ShareInsights Platform

| 2019 | **High Five Award**   Persistent Systems Limited |

For Implementing Bug Triage System for CISCO and creating visualization to give detailed analysis on related bugs

| 2019 | **High Five Award**   Persistent Systems Limited |

For designing Dashboards for Industrial Analysis use-case using DOMO tool

| 2020 | **High Five Award**   Persistent Systems Limited |

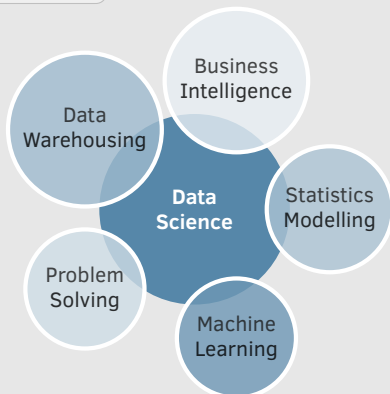Contribution to Data Foundry Project

Publications

| 2018 | **Autonomous vehicle with Raspberry Pi using deep learning** |

Paper published on "Autonomous vehicle with Raspberry Pi using deep learning" in "International conference on Emerging Trends in Science, Engineering and Technology (ICETSET-2018)
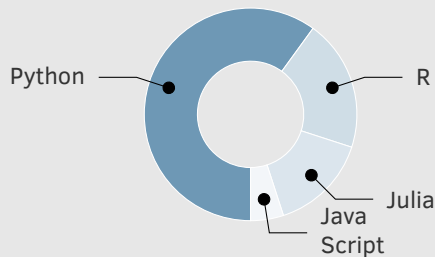
About Me

I am a skilled Data Analyst and Software Engineer with 2.5+ years of experience. I have developed array of skills in Data Analysis and Visualization Techniques. I am passionate about Machine Learning and I have built several use cases using Python and R. My aim is to be a Data Scientist.

Technical

Key Skills

- Business Intelligence
- Data Warehousing
- Data Science
- Statistics Modelling
- Problem Solving
- Machine Learning

Language Proficiency

- Python
- R
- Java Script
- Julia

Domain

🎨 Data Analytics and Visualization

💻 Machine Learning

>_ ETL and SQL

Memberships

acm — Association for Computer Machinery (ACM)

Projects

Big Data ETL — Creating optimized ETL & ELT tasks. Use best practises to minimize response time on dashboards like partitioning, Bucketing, Archiving.

Bug Triage System — Creating ETL business logic and visualization using High-Chart graphs to show bug related information to developers, Managers and Testing teams.

Text Analytics — Implementation platform to analyze text data and extract Highly used terms using RAKE and TF-IDF algorithms.

Sentient Risk Management — ETL flow design and visualizing the Risk parameters. Analyze the Risk related Parameters to help business user take precautionary measures.

Industrial Analytics — Designing ETL and Dashboards to showcase daily updates of production machine KPIs and based on this analysing finance matrix like Return on Assets, Backlog, Delayed Revenue Recognition.

Loan Defaulter Prediction — Creating Web App which will execute ETL including Machine Learning algorithm to predict possibilities of being a loan defaulter. Model was trained on famous Lending Club data set.

Contact Tracing — Writing a AWS Lambda function to read data from API gateway, Perform De-duplication and Push it into Graph-DB.

Teradata to BigQuery Migration — Writing Shell scripts to perform DB Assessment using BTEQ, TPT Build. Python code to convert Teradata DDL and DMLs into BigQuery equivalent.

Technical Skills

- **Languages**: Python, PySpark, R, Julia, JavaScript, C++, HTML, CSS
- **Database Systems**: MySql, Athena, Cazena, Hive, MongoDB, Snowflake, Oracle, BigQuery, Teradata, SQL Server, Azure Synapse
- **Analytical Tools**: Power BI, Tableau, DOMO, ThoughtSpot, Google Analytics, Data Studio, Azure Data Factory, Matillion ETL
- **Operating Systems**: Fedora, Ubuntu, Windows, Mac OS, Android, Cent-OS
- **Applications**: Pycharm, Jupyter Notebook, Eclipse, Xampp Server, VS Code, Git
- **Others**: Wordpress, Latex, AWS, GCP, Azure Warehouse, Putty, Postman REST API, Shell/Bash

Extra curricular

- Participated in Hackathon named Semicolon,organized by Persistent Systems. We successfully build a web and mobile application to detect industrial safety glasses used by workers. Our solution was amongst top 10 best solutions.
- Participated and Volunteered in "Engineering Today: The 11th National Level students' technical Symposium and Exposition" organized by AISSMS College of Engineering, Pune.
- Participated in two days workshop on "Machine Learning in Python" organized by the "Institution of Engineers India (IEI)".
- Participated in one day workshop on "Azure Cloud Computing" Organized by the "IBM" and "Institution of Engineers India (IEI)".