Nikhil Jatale

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WORK EXPERIENCE

Software Engineer   📅 (2017 – 2018)

OrbitTree   📍 Pune, India

· Code analysis and debugging for internal website with python and JavaScript.

ETL Developer   📅 (2018 – 2020)

Atos-Syntel   📍 Pune, India

· Developed over 50 stored procedures in using SQL server, and use the same stored procedures for report development in SSRS, tableau maintaining the ETL pipelines with maximum efficiency.

· Maintained data pipeline up-time of 99% while ingesting insurance data across 8 different primary data sources using SQL server, SSIS, SSMS and Python.

· Communicated with clients and business analysts about data pipelines that drove efficiency KPIs up by 22%. Involved in Agile Methodologies and SCRUM Process.

· Worked with client to understand business needs and translate those business needs into actionable reports in Tableau, saving 15 hours of manual work each week.

Software Developer   📅 (2020 - 2021)

Atos-Syntel   📍 Pune, India

· Designed and implemented a real-time data pipeline to process semi-structured data by integrating 80 million raw records from multiple data sources with SSIS, tableau and python.

· Automated ETL processes across billions of rows of data, which reduced manual workload by 29% monthly.

· Data visualization and analysis with python using business logic and client requirements.

Addicor Technologies   📍 Pune, India

· Develop and test the website with Python Django, maintain the backend along with database management.

· Debugging and analysing the root cause of errors and fixing them.

PERSONAL PROJECTS

Personalized Cancer diagnosis - NLP   📅 (2021)

· A classification problem given genetic variations or mutations based on evidence from text-based clinical literature.

· Feature scaling using one hot encoder and response coding. Experimented with different ML algorithms to achieve minimum multi log loss and misclassifications.

Quora question pairs   📅 (2022)

· Text pre-processing, feature extraction using w2v and Tf-idf W2V for each question. Used Log Reg, SVM and XGBoost (compared with random dumb model to get minimum log loss as KPI).

Data Analysis of Kaggle datasets to find hidden insights.

Worked on 100s of personal projects including python, data analysis and machine learning.

Currently, **working on Real-time Sign Language Recognition** with lightweight models.

EDUCATION

B. E. in Computer Technology
Yeshwantrao Chavan College of Engineering
📅 2013 – 2017
📍 Nagpur, India

MSc. in Big Data Science
Queen Mary University London
📅 2021 – 2022
📍 London, UK

RELEVANT COURSES

· Udemy Certified course "Machine Learning A-Z: Hands on Python in Data Science".
· Tableau 2020 A-Z Hands-On and Advanced Tableau Training for Data Science.
· Udemy Certified course "Statistics for Data Science and Business Analysis"
· Currently, Pursuing "Applied Machine Learning" Certificate from appliedaicourse.com

SKILLS

· MS SQL Server
· ETL tools (SSRS, SSIS, Tableau, Power BI)
· python libraries for data viz, analysis
· GIT
· Data Viz, Analysis
· Machine Learning
· Deep Learning