Ruchir Patil

+91-7028341251 *|* [ruchirchatur009@gmail.com](mailto:ruchirchatur009@gmail.com) *|* linkedin.com/in/ruchircpatil *|* [github.com/Ruchir1218](https://github.com/)

EDUCATION

# Liverpool John Moore’s University Online

*Master of Science in Data Science Oct. 2023 – Pursuing*

**IIIT, Bangalore** Online

*Post Graduate Program in Data Science & AI Oct. 2023 – Pursuing*

# Sandip institute of engineering and management Nashik

*Bachelor of engineering, Mechanical engineering July 2017 – July 2021*

EXPERIENCE

**Data engineer** Feb. 2023 – Present

*Infosys Limited*

* Involved in taking requirements from client and converting into technical design and implementing solutions.
* Developed and maintained multiple ETL pipelines using databricks, pyspark, airflow AWS cloud technologies such as Redshift, Athena, Lambda, S3, Glue, EC2
* Developed and maintained airflow dags to schedule ETL jobs on databricks
* Wrote documentation for code developed by me, wrote technical documentation around architecture on confluence.
* Conducted code reviews and provided technical feedback to team members.
* Worked with Power BI and tableau for making 100+ dashboards for development, enhancement, and maintenance.

**Data engineer** Feb. 2022 – Jan. 2023

*Infosys Limited*

* Designed, built, and managed data pipelines for transferring data from multiple databases to central data warehouse to populate into star schema using AWS glue, AWS redshift, Apache airflow.
* Used UNIX scripting for automation of repetitive tasks such as backup, monitoring system resources.
* Leveraged proficiency in SQL for streamlined data manipulation and analysis, diligently monitoring, and, optimizing compute and query performances for enhanced efficiency.
* Worked with Power BI for making 50+ dashboards for development, enhancement, and maintenance.

Trainings

### Pinnacle data science specialization program *| Python, SQL, statistics, EDA, Machine learning.*

* Hands-on trainings on various technologies related to data science with capstone project at the end of training.

### Kafka training *| kafka, zookeeper*

* Used UNIX scripting to configure kafka cluster on Linux system (RHEL)

Self-PROJECTS

### Machine learning project - Price prediction with LSTM | Python, Keras

* Implemented LSTM models for accurate short-term stock price predictions.

**Tableau Dashboard project – Amazon prime video streaming dashboard** *|* Tableau

## Created dashboard for analyzing how amazon prime video content is distributed across world.

TECHNICAL SKILLS

**Core:** Probability and statistics, Data structures and algorithms, EDA, Data warehousing

**Languages**: Python, SQL

**Public cloud services:** AWS S3, AWS IAM, AWS RDS, AWS glue, AWS EC2, AWS redshift, Azure Data factory

**Developer Tools**: Excel, Tableau, Git, Microsoft Azure, AWS, Power BI, Unix

**Libraries**: Pyspark, keras, pandas, NumPy, Matplotlib, Seaborn