

# OSCIN JAYPAL

New York Area, US



jaypaloscin@gmail.com



+1 551 339 6397



[linkedin.com/in/oscin-jaypal-0b03b41a3/](https://www.linkedin.com/in/oscin-jaypal-0b03b41a3/)

## Summary

- Earned a Bachelor of Engineering in Computer Engineering, laying a solid foundation in software development, system architecture, and hardware-software integration.
- Recently completed Master of Science in Computer Science from the New York Institute of Technology (NYIT), specializing in advanced computing principles, data structures, algorithms, and machine learning.
- Deeply passionate about Azure Data Technologies, with a keen interest in pursuing a career in Data Engineering, Data Science, and Analytics. (AZ-900, AI-900 & DP-900, DP-600 certified)
- Hands-on experience with cloud computing services, particularly Microsoft Azure, including Microsoft Fabric, Azure Data Factory, Azure Databricks, and Azure Synapse Analytics.
- Strong analytical and problem-solving skills, capable of designing and implementing scalable data pipelines, managing large datasets, and extracting meaningful insights from complex data.
- Continuously learning a range of programming languages and tools relevant to data engineering and science, including Python, SQL, Scala, and R, along with familiarity with machine learning libraries and frameworks.
- Actively seeking internship or junior-level roles in Data Engineering or Data Science, eager to contribute to data-driven projects and gain practical experience in deploying and managing Azure-based data solutions.
- Committed to continuous learning and professional development, staying abreast of the latest trends and technologies in data science and cloud computing.

## Skills

Microsoft Azure • Artificial Intelligence • Microsoft Fabric • Synapse • Data Lake • Databricks • Logic Apps • Azure Functions • Data Engineering • Power BI Analytics • Data Management • Data Factories • DevOps • Git • SQL Server • Apache Spark • Kafka • Data Flow Gen2 • Matlab • Matplotlib • Seaborn • Pickle • Numpy • TensorFlow • Keras

## Experience



### Jr. Data Engineer

MOOMOTH MEDIA PVT LTD (India)

July 2021 – June 2022 (1 year)

- Optimized ETL processes, cutting processing time by 30% and improving system performance.
- Developed a Power BI dashboard for proactive data anomaly resolution.
- Successfully migrated legacy pipelines to the cloud, reducing maintenance and enhancing scalability. Along with that enhanced skills in Apache Spark and Azure Data Lake.
- Collaborated cross-functionally on data processing and transformation and documented processes to ensure consistency and knowledge sharing.



### Data Analyst Intern

MEGH TECHNOLOGIES PVT LTD (India)

Jun 2020 - June 2021 (1 year)

- Proficient in Python libraries (pandas, matplotlib, seaborn) for data analysis and visualization and experienced in SQL for relational database querying and data manipulation.
- Strong grasp of statistical concepts including hypothesis testing, regression analysis, and clustering

algorithms.

- Excellent communication and presentation abilities to articulate complex analytical findings clearly and succinctly.

## Academic Projects

### Software Defect Prediction Analysis

- Led predictive analysis for software defects using data analytics and machine learning, significantly improving software reliability and quality.

### Twitter Dataset Analysis

- Analyzed Twitter data with sentiment analysis and behavioral clustering, transforming insights into visual reports for strategic use.

### Image Caption Generator

- Designed a system merging CNN and RNN to generate accurate image captions, demonstrating advanced proficiency in Python.

### Temperature Screening System with Facial Recognition

- Created a Python-based temperature screening system with facial recognition and AI, featuring an automated email alert system for high temperatures.

## Education



### **New York Institute of Technology – 3.74 GPA**

Master of Science, Computer Science

Sept 2022 – May 2024



### **MBIT (India) – 3.80 GPA**

Bachelor of Computer Engineering

July 2017 – June 2021

## Certifications

- Microsoft Trophy - Get started with Microsoft Fabric
- Microsoft Certified Azure AI Fundamentals (AI-900)
- Microsoft Certified Azure Fundamentals (AZ-900)
- Microsoft Certified Azure Data Fundamentals (DP-900)
- Microsoft Certified Fabric Analytics Engineer Associate (DP-600)