

Rahul Yadav

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EDUCATION

INDIANA UNIVERSITY

MASTERS IN APPLIED DATA SCIENCE

Aug 2019 - Dec 2020

GPA : 4.0

IIT BOMBAY, INDIA

MASTERS IN AEROSPACE ENGG.

Jul 2013 - Jun 2015

JSS NOIDA, INDIA

BACHELORS IN CIVIL ENGG.

Jul 2009 - Jun 2013

VOLUNTEER

GRADUATE STUDENT AMBASSADOR

Indiana University

GLOBAL TEAM EDUCATION

COORDINATOR

JPMorgan Chase

INSTITUTE STUDENT COMPANION

PROGRAM (ISCP) COORDINATOR

IIT Bombay

CERTIFICATION

DEVELOPER ASSOCIATE

Amazon Web Services (AWS)

SKILLS

PROGRAMMING

Python • Java • C++ • HTML • CSS •
JavaScript • JQuery • R • Swift

DATABASES

MySQL • PostgreSQL • MongoDB
• AWS - S3/RDS/DynamoDB

TOOLS/Frameworks

Docker • Airflow • Protocol Buffers •
XML • D3 • Django • GIT • JIRA •
Confluence

OPERATING SYSTEMS

Windows • Linux • UNIX • macOS

EXPERIENCE

SONY INTERACTIVE ENTERTAINMENT LLC - PLAYSTATION

| DATA ENGINEERING - INTERN

MAY'20 - PRESENT

- Designed system architecture to integrate new data pipelines from external open source datasets and prototyped the system using STEAM datasets (100K + Products)
- Built and deployed Matching Engine using NLP to match internal and external datasets.
- Created data visualisation dashboard for matched results.

INDIANA UNIVERSITY

| RESEARCH ASSISTANT - USER LAB

AUG'19 - PRESENT

- Investigated new paradigm for data exploration and establish guiding principles to automate factual question generation from datasets
- Published "Question-Generating Datasets: Facilitating Data Transformation of Official Statistics for Broad Citizenry Decision-Making" at CARMA 2020

JPMORGAN CHASE

| SOFTWARE ENGINEERING - ASSISTANT VICE PRESIDENT JULY'15 - AUG'19

- Joined as Analyst had a career progression to Assistant Vice President
- Worked in Agile Environment and followed CI-CD/TDD/Scrum/Pair Programming/Retrospectives
- Proactively supported the system by providing L2/L3 technical support.
- Organised Team Info-share sessions for our Global Team.

DATABASE INTELLIGENT TIERING:

- Profiled 500 GB+ data in databases and set guidelines for data storage and lifecycle policies.
- Deployed archival and purge policies on data in database saved 400 GB+ space with automated validations

MiFID II POST TRADE TRANSACTION REPORTING:

- Comprehended MiFID II regulation and designed system solutions for Rates/Credits Businesses leveraging unified transaction model
- Integrated external service ANNA (Association of National Numbering Agencies) with the platform
- Built monitoring and controls solution for reporting platform

DATA PERMISSIONS REMEDIATION:

- Analysed and identified gaps in permissions over 500+ Million objects
- Remediated permissions for over 100+ Million objects and implemented monitoring mechanism for identifying any new objects with incorrect permissions

ELECTRONIC TRADE RECONCILIATION:

- Built real-time electronic trade reconciliation dashboard reconciling trading data from 20+ trading venues such as Bloomberg/TradeWeb

GENERAL LEDGER MIGRATION:

- Migrated legal entities from traditional ledger system to strategic ledger, which involved deployment of new legal entities, validation and integration testing with 20+ systems