

Ashish Raj Shekhar

Arrah, Bihar, India 802301 | shekharashishraj@gmail.com | +91-9534287970

EDUCATION

Manipal University Jaipur

Bachelor of Technology in Computer Science

- CGPA: 8.5/10

Rajasthan, India

August 2020-July 2022

Manipal Institute of Technology (ICAS)

Bachelor of Technology in Computer Science; Twinning Program

- CGPA: 2.68/4

Karnataka, India

August 2018-May 2020

Delhi Public School RK Puram

Science; XIIth

- Percentage: 82

New Delhi, India

May 2017

D.A.V Public School, Arrah

Xth

- CGPA: 9.8/10

Bihar, India

May 2015

PROFESSIONAL EXPERIENCE

Amazon

Data Engineer

- Management and maintenance of AWS Redshift and EMR clusters .
- Designed and implemented data architecture and pipelines for various use cases.
- Implemented compliance regulations on data warehouse in accordance with GDPR, CCPA and CPRA.

Noida, India

July 2022 – March 2023

Cyborgintell

Associate Data Scientist

- Developed algorithms for automatic outlier treatment for AutoML operations using four different outlier detection methods like Tukey's method, Adjacent Box-Plot, Mean AD and 3MADe method.
- Conducted statistical analysis and visualisation of financial data using Seaborn library.
- Engineered algorithms for probabilistic analysis using KL divergence, JS divergence and Earth mover's distance in PySpark.
- Contributed to deployment of AutoML products using Docker Containers.

Bangalore, India

January 2022 – July 2022

PROJECTS

Billboard hit Predictor

Machine Learning Model

- Investigated using Machine Learning techniques to predict Billboard HOT-100 Hits from Spotify Data and Million Song Data-set.
- Predicted the Billboard success of a song by performing benchmark analysis of standard machine-learning algorithms including Logistic Regression, GDA, SVM, Decision Trees and Neural Networks.

July 2021 - August 2021

POSITION OF RESPONSIBILITY

Social Work

Managing Director

- Lead a team of 8 people to start the venture 'BODH' operational in Arrah, Bihar, to provide online education to students from rural locations during the COVID-19 Lockdown period.
- Negotiated and closed arrangements with academicians from all around the state.
- Analyzed enrollment and attendance records, advertised the organization through various offline and online platforms including Instagram, hoardings, walk-ins, etc.

India

June 2020 – December 2020

SKILLS

Technical: C++, Python, Flask, PySpark, Docker, Pandas, Numpy, Seaborn, SQL, OS(Linux, MacOS), AWS(Athena, DynamoDb, Redshift, EMR)

Languages: Fluent in English, Hindi