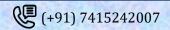
# NEERAJ JAIN



neerajjain311@gmail.com







#### **WORK EXPERIENCE**

Software Engineer July 2020 - Present **Optum Global Solutions (UHG)** Hyderabad

Team - Core Data Platform: Methodology - Agile (Scrum)

AirFlow Framework (AirFlow, Python) Ideated, designed and developed a no-code tool for the enterprise to transform Talend jobs into Airflow DAGs. Business Impact : > \$120,000/yearly savings.

**Data Ingestion Portal** (Angular, SpringBoot) Designed and developed unified data portal with multiple dashboards and wrote REST APIs for Notification, JobLog and Volumetrics services.

**EPIM Data Acquisition** (SpringBoot, Kafka, MySQL) Developed a Kafka consumer for fetching Provider data in FHIR format and transformed it into Common Data Format.

Research Intern May 2019 - July 2019 **Bhabha Atomic Research Centre (BARC)** Mumbai **Domain - Deep Learning** 

- Studied, designed and implemented YOLO-v3 model for License Plate Detection (Indian and Global) achieving mAP of 99.68.
- Received **Certificate of Excellence** for extraordinary work.

## **EDUCATION**

**B.Tech (Computer Science & Engineering)** 2016-2020 National Institute of Technology, Raipur CPI: 9.78/10 Silver Medalist

AISSCE (CBSE - 12th PCM) 2016 Holy Hearts Educational Academy Percentage: 95% AISSC (CBSE - 10th) 2014 **Holy Hearts Educational Academy CGPA: 10/10** 

## **ACADEMIC PROJECT**

Minor Project **July 2019 - Nov 2019** 

**Stock Market Prediction** 

**Using News Analytics and Historical Data** [ link ]

- Implemented a **hybrid model** to predict Stock prices using sentiment analysis on recent news articles and forecasting using historical data.
- Achieved an accuracy of ~92% over stocks listed on NSE.
- Paper presented at ICTIS 2020 (Ahmedabad) [pdf]

## **POSITIONS OF RESPONSIBILITY**

Internal AirFlow Trainer – DS Team, Optum (UHG) 2021-22

**Executive Secretary** 2018-20

**Association of Computer Engineers, NIT Raipur** 

Workshop Tech Leader 2018-19 Wisdom EduTech LLP

## **TECHNICAL SKILLS**

https://github.com/Neerajjain311

**Programming Languages** 

C++, Python, TypeScript, Java, Dart

Frameworks/Databases/Others Angular, Flutter, FastApi, SpringBoot, Unity3D, MySQL, Git, Shell Scripting

**Big Data Exposure** 

Hadoop, Hive, Airflow, Spark, Kafka

**Cloud Certifications - Microsoft Azure** Fundamental : AZ-900, DP-900, AI-900 **Associate**: AI-100 (Azure AI Engineer)

DP-100 (Azure Data Scientist) DP-203 (Azure Data Engineer)

**Limited Exposure** 

Docker, Kubernetes, Jenkins

**Personal Projects** 

CareAR – Augmented Reality App [link] Stress Buster (Web App) [link] Pixel Perfect (Mobile App) [link] **NITRR Result Scraper** [link]

## **SOFT SKILLS**

Teamwork

**Research and Strategy** 

**Time Management** 

Adaptability

**Problem Solving** 

**Public Speaking** 

**Work Ethics** 

**Innovative Mindset** 

## **ACCOMPLISHMENTS**

Merit Scholarship (2016 - 2020)

Recipient of Merit Scholarship for four successive years.

Batch Rank - 2/93, Institute Rank - 3/934

Hack In The North - IIIT Allahabad

Honourable Mention

(Blockchain Based Property Management).

Runner Up - VIGYAAN - NIT Raipur Stood Second in VIGYAAN 2016

(National Level Science Exhibition).

**CBSE Merit Certificate (Top 0.1%)** 

CBSE - AISSCE (Class 12th)

Computer Science - 99/100

**CBSE Merit Certificate (Top 0.1%)** 

CBSE - AISSC (Class 10th)