



NEERAJ JAIN

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 India

 [LinkedIn Profile](#)

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)