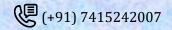
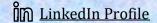


neerajjain311@gmail.com







## **WORK EXPERIENCE**

Senior Software Engineer Sep 2022 - Present StreamSets Inc. Remote

Product - Data Collector (Data Platform)

- Security Vulnerability Initiative (Java, Python) Worked extensively towards improving the security profile of core data collector engine and brought down critical and high severity vulnerabilities by 98% (from ~5000 to ~110)
- **HPE Ezmeral Data Fabric 7.2** (Java, Python, HPE) Lead the effort of adding HPE Data Fabric 7.2 (EEP 9.0) support to data collector. Followed TDD approach to develop and validate that the complex HPE (earlier MapR) functionalities were working as expected via our Data Platform.
- **Automating INTs Handling Process** (Snowflake) Developed multiple data pipelines to monitor existing security vulnerabilities and handle incoming Interventions via pre-existing triage reports.

**Airflow Corporate Trainer** 2022 - Present

Data Engineering (Pipeline Design and Orchestration)

Provided Apache Airflow training to students and experienced professionals via 4+ classroom programs and 10+ corporate trainings.

**Software Engineer** July 2020 - Sep 2022 **Optum Global Solutions (UHG)** Remote

Domain - Data Solutions: Methodology - Agile (Scrum)

- AirFlow Framework (AirFlow, Python) Ideated, designed and developed an entire framework to automatically transform Talend jobs to Airflow DAGs. Business Impact : > \$120,000/yearly savings.
- Volumetrics Service & Dashboard (Angular, SpringBoot) Designed and developed Dashboard UI and wrote REST API to fetch the Volumetrics result and display graphical info.

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

Domain - Deep Learning (Computer Vision - YOLO v3)

#### **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%

# POSITIONS OF RESPONSIBILITY

**Corporate AirFlow Trainer** 2022-Present

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

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, 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) [ <u>link</u> ] **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)

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

CBSE - AISSC (Class 10th)