

EDUCATION

University of Waterloo | Ontario, Canada

Sep 2023 – May 2025

Masters in Computer Engineering

Guru Gobind Singh Indraprastha University | New Delhi, India

2016 - 2020

Bachelor of Technology in Computer Science

CGPA 9.39

Modern Convent School (CBSE) | New Delhi, India

2015 - 2016

12th - Higher Secondary School

87.8%

CERTIFICATION

- AWS Certified Cloud Practitioner - [Certificate](#)

TECHNICAL SKILLS

Programming Languages

Java, Python, SQL, VBA, CSS3, HTML5

Cloud Technologies

Amazon Web Services (S3, EMR, Athena, Hive, SNS), Reltio MDM, Collibra

Machine Learning Libraries

Scikit-learn, Pandas, Numpy, Geo-Code, Grid-Search

Databases

Oracle SQL Developer, Hive

Application Softwares

GIT, Jupyter, JIRA, Airflow, Tableau, VS Code, MS - Office Suite

WORK EXPERIENCE & INTERNSHIPS

ZS Associates | Pune, India

Jan 2022 – May 2023

Business Technology Solutions Associate

- Developed a scalable Match-Merge ML Automation framework to predict entity combination in Reltio Master Data Management using fuzzy scores of various attributes.
- This framework has significantly reduced the effort of operations team from 15 days to mere 10 minutes.
- Developed using Pandas, Scikit learn, & Geo-Code, performed hyper parameter tuning eventually achieving 94% accuracy.
- As a Data Quality Analyst - generated SQL scripts to extract data from AWS Data Lake and ingested data to Tableau Dashboards. Successfully provided data quality insights to senior leadership team across affiliates on the dimensions of completeness, uniqueness, validity and accuracy.

Accenture | Bengaluru, India

Feb 2021 – Dec 2021

Application Development Associate

- Contributed in development of ETL pipelines targeting Credit Risk and Finance Domain for the Natwest Group.
- Responsible for Data Sourcing and Data Ingestion from multiple Source Systems to AWS, using S3 buckets, Athena, Hive and EMR, on production environments.
- Proficient in Data Stewarding with expertise spanning across global regions including APAC, EMEA and LATAM.

Government of Delhi | New Delhi, India

Jun 2019 – Aug 2019

Summer Internship.

- Worked on “e-Vehicle Services Portal” to design, develop and implement the database of the application on Oracle.

PROJECTS & PROFESSIONAL ENHANCEMENTS

Uber Eats Clone Mobile Application - [Link](#)

June 2023 – July 2023

- React Native based Uber Eats clone mobile application deployed and hosted via Expo Go for android and ios.
- Firebase for google authentication and database.

Disney+ Hotstar Application Clone – [Link](#)

Apr 2022 - May 2022

- React and JavaScript based Hotstar clone web application, responsive with Desktop, Mobile and Tablet.
- Google Authentication, Database and Hosting implemented through Firebase. Sign in/out powered by Redux.
- Implemented minute details of UI, animations and auto-play.

Deeper into Air Pollution Forecasting - [Link](#)

Mar 2020 – June 2020

- Comparative prediction of air pollution using deep learning models with a research publication in the Scopus Journal (TEST Engineering and Management).

ACHIEVEMENTS & LEADERSHIP EXPERIENCE

- Secured academic podium ranks in 1st and 3rd year of college.
- Alumni of the IEEE and Rotaract Club of MSIT. Volunteer for the “NSS” and “We Mean To Clean”.