Akshay Arora

PORTFOLIO : https://iamakshayarora.github.io/
LINKEDIN : https://www.linkedin.com/in/akshay-arora-1016a7189/

Eligible to Work in Ireland(Stamp 1G)

EDUCATION

Trinity College Dublin, Dublin, Ireland— *M.Sc.*
2024 - 2025
Computer Science – Data Science – Distinction(1:1)

Vellore Institute of Technology, Vellore, India — *B. Tech*
2016 - 2020
Computer Science – **8.68 CGPA**

Bhatnagar Intl School, New Delhi, India — *Senior Secondary*
2014 - 2016
Class XII – **94.8 %**

WORK EXPERIENCE

ZS Associates, Gurugram, India
Business Tech Associate Consultant (JAN 2023 – JULY 2024)

– Elevated prior duties while leading and successfully delivering multiple complex data management projects for various stakeholders.
– Successfully designed and deployed various MDM Projects as a Team Lead.
– Led multiple client interactions by presenting project updates and providing analysis/recommendations with visualisations to explain business impact.
– Managed project execution and team performance through Project Management methodologies and dedicated team management (feedback, 1:1 sessions).
– Led regular onshore (US Team) & stakeholder communication/meetings.
– Reduced operating costs by achieving ~30% AWS cost reduction through optimisation of storage and deployed cloud services.
– US Travel opportunity for Client Interaction and Business Development.

ZS Associates, Gurugram, India
Business Tech Analyst (JULY 2020 - DEC 2022)

– Data Management and Engineering Role for a US Client in a tech consultancy.
– Designed and built multiple MDM/ETL Pipelines using SQL/Python/Java on AWS Cloud and a UNIX, ensuring data integrity and scalability best practices.
– Delivered business insights via data analysis for strategic client decisions.
– Production Deployment and operationalisation of multiple MDM Projects.
– Design and implementation of APIs for integration with CRM systems.
– Automated data flows for repetitive tasks, reducing effort & increasing efficiency.
– Promoted to Associate Consultant for successful team lead role.

INTERNSHIPS

ZS Associates, Gurugram, India
Business Tech Analyst – Intern (JAN 2020 - JUNE 2020)

Aricent Technologies, Gurugram, India
Web Designing Intern (MAY 2018 - JUNE 2018)

RECENT COLLEGE PROJECTS

– **Captcha Solver** using CNN(Tensorflow)
– **Geographically Weighted Regression** on Air Quality Data
– **Lucene Based Search Engine** in Java
– **Melody Generation** using **GPT** in Python
– **Decision Tree Models for** Count Data

Contact Address:
109 Adamstown Boulevard,
Adamstown, Lucan,
Dublin, K78 K2T2

+353 899617150
akshay34arora@gmail.com

SKILLS

C++, Python, SQL, JAVA, R

MDM, Reltio, Semarchy, Tableau

Unix, SparkSQL, Shell Scripting

Using AWS, Azure & Google Cloud

Machine Learning using sklearn libraries, Tensorflow, Pytorch.

HTML, CSS, JavaScript, jQuery, Angular, Google Map Integration.

Android App Development.

Git Management

Data Science and Engineering

Project & Team Management

ONLINE CERTIFICATIONS

AWS Certified Solutions Architect – Associate

Semarchy xDM Development

Big Data Analysis with MySQL
(Duke University, North Carolina)

Fundamentals of Digital Image and Video Processing
(Northwestern University)

Cloud Computing Applications, Part 1: Cloud Systems and Infrastructure (University of Illinois)

Machine Learning (Stanford University)

PASSION

Photoshop, Sound/Video Editing, Animation.
Playing Sports like football, cricket etc.
Gaming
Learning new languages