



Kushal Jain

Software Engineer

I'm a versatile technologist with a passion for crafting user-friendly web interfaces, problem solving, and managing data efficiently. Let's turn your tech goals into reality together!

✉ jainkushal0110@gmail.com

📍 Chennai, India

🌐 linkedin.com/in/kushaljain1999

☎ +91 9560820256

📄 professor9999.github.io/portfolio/

WORK EXPERIENCE

Software Engineer Optum (UHG)

07/2022 - Present

Chennai, India

Achievements/Tasks

- Developed ETL processes using Apache Spark with SQL and Scala for data extraction, transformation, and loading.
- Designed and maintained data pipelines to automate the extraction, transformation, and loading of raw healthcare data in FHIR format.
- Collaborated closely with the frontend team to facilitate the implementation of graphs in Power BI using SQL queries and data dictionaries.
- Utilized Databricks for comprehensive data analysis, exploration, and visualization.
- Managed data storage and retrieval using Azure Blob Storage and Containers, ensuring data availability and integrity.
- Implemented data pipelines and automation using Azure Data Factory (ADF) to streamline and schedule data processing tasks, improving data processing efficiency.

Software Engineer Intern Optum (UHG)

01/2022 - 05/2022

Chennai, India

Achievements/Tasks

- Collaborated on infrastructure as code (IAC) projects using Terraform to automate the provisioning and management of AWS resources.
- Extensively worked with various AWS services, including S3 for object storage, Lambda for serverless functions, Step Functions for orchestration, CloudWatch, Athena for querying data in S3, SNS and SQS for event-driven architecture, and RDS for database management.
- Orchestrated Jenkins for continuous integration and continuous delivery (CI/CD) pipelines, automating software builds, testing, and deployment, while also adapting requisite Groovy scripts to meet project requirements.
- Played a crucial role in enhancing code coverage for existing ETL (Extract, Transform, Load) scripts, significantly improving their quality and reliability, with code coverage boosted to 80%.
- Documented data processes, pipeline configurations, and data dictionaries for knowledge sharing and future maintenance.

EDUCATION

B. Tech in Computer Science VIT University, Vellore

07/2018 - 05/2022

CGPA - 8.75

SKILLS

HTML/CSS

Javascript

Python

Java

C/C++

Scala

React

NodeJS

MongoDB

SQL

Git

Jenkins

Spark

RESTful API

DSA

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency