

# Shubham Arora

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## EXPERIENCE

### Goldman Sachs, Bengaluru — Associate

Feb 2022 - PRESENT

- Working as Senior Data Engineer with *Marcus by Goldman Sachs*. Part of BI Engineering team who supports various modules of business analytics for Credit Cards, Savings, Loans etc for external and internal reporting.
- Lead the team for various initiatives within the project. Responsible for planning, execution and support activities.
- Contributed to the design and implementation of scalable data pipelines and architectures.
- Mentored junior team members and provided technical guidance as needed.

### KPMG India, Bengaluru — Assistant Manager

May 2019 - Feb 2022

Handle multiple client engagements and are responsible for timely delivery and ensure to meet client expectations with utmost diligence and quality.

- Act as Team-Lead for internal projects, provide training to peers and juniors
- Support hiring process by taking technical interviews
- Responsible for business development activities, pre-sales activity, project administration tasks
- Demonstrate curiosity, proactiveness and innovation

### Cognizant, Chennai — Program Analyst

Sept 2016 - Nov 2018

- Worked as a R&D engineer for CoE, to create modules for a project which was launched as a PaaS which was designed to cater the needs of various teams & clients with different requirements like building dashboards from flat files within a few seconds, or installing and configuring a specific application on all the systems in the network.
- My role was to create python scripts that integrate with different technologies or bind different technologies together, create classification models to automate the workflows and work on various reporting tools such as Redash, Kibana, Splunk

## EDUCATION

### Dehradun Institute of Technology, Dehradun — B.Tech

Aug 2012 - July 2016

Awarded with Honors degree with overall Score - 77%.

## SKILLS

Python, SQL, PySpark

Databricks, Airflow, Snowflake, RDS

Bootstrap, Flask, Django

Git, Bitbucket, JIRA, Confluence

AWS Certified Cloud Practitioner

## AWARDS

Promoted to Vice President in Dec 2022 by GS

Runners Up 2021 in LPL by KPMG.

Rising Star 2019 by KPMG.

Best New Comer by Cognizant

Orbit Shifter 2016 by Cognizant Academy

## LANGUAGES

English, Hindi

## PROJECTS

### Consumer Banking — Data Engineering and Analytics

Working for a leading financial services company on various consumer banking based data analytics initiatives. *Role involves:*

- Writing and optimizing python/pyspark/SQL scripts for analyzing and transforming data.
- Creating automation frameworks for data quality, governance and various other ad-hoc requirements - Working with reporting tools for dashboard creation and enhancements
- Talking to stakeholders and gathering requirements

**Tech Stack** - Python, PySpark, SQL, Snowflake, Databricks, Airflow, AWS S3, Bitbucket, Gitlab

### Contract Compliance and Management Solution

Worked on creating a full-fledged POC for a business use case involving creation, management and checking compliance for contracts, which is a typical requirement from our legal and audit teams.

*Role involves:*

- Research and analyze the capabilities of already existing tools in the market
- Requirements gathering from respective teams and understand the business use cases they want to be solved
- Lead a team of two analysts

Going beyond the market trends, we focused on more intensively used but difficult to process use-case which involve reading different types of documents and having their data stored in a similar pattern. And later using the data to run NLP and ML models to achieve certain requirements.

This POC was later pitched to multiple clients and to our surprise 60% of them were interested to solve similar use cases. This is now being developed as a PaaS

**Tech Stack** - Python, Django, AWS S3, NLP, RDS, AWS Rekognition, IBM Watson

### Analytics as a Service

The project was about automating the entire Service Requests workflow, from the moment it gets captured till its resolution. *Role involves:*

- Writing and optimizing python scripts for preprocessing, & analysing the text written by the end user - Analyze text and classify the text to one of previously agreed upon buckets using classification model - Write script to integrate/map the results with appropriate triggers from workflow manager - Working with reporting tools (Kibana & redash) for dashboard creation and enhancements
- Talking to stakeholders and gathering requirements

**Tech Stack** - Python, ServiceNow, NLP, Classification model, Elasticsearch, Kibana, Redash

### Feature Addition - Cerner Healthcare

Introduced an idea of proactively alerting doctors and patients via mail and sms when a certain prescribed medication can be allergic to a patient based on the chemical formula of previously prescribed medications and reports. In one month of this going live, there were 250+ notifications were triggered to 70 clinic/hospitals across country saving at least 100 persons from allergic side-effects. *Role involves:*

- Understanding the underlying data points including medications
- Integrating the script with the already existing inhouse software

**Tech Stack** - Python, AWS Lambda, Inhouse tools

