

Arpit Solanki

DATA ENGINEER

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Education

Indian Institute of Information Technology

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE, CGPA: 7.8/10

Vadodara, IN

May 2018

Skills

Languages Python, Javascript, Shell scripting

Big Data Tools Presto, Hive, Airflow, Spark, Kafka, Elasticsearch

Tools/Platform Flask, Docker, Kubernetes, AWS, Celery, RabbitMQ

Experience

SocialCops

DATA ENGINEER

Delhi, IN

Jun. 2018 - Present

- Led the development and deployment of Ministry of Rural Development India's project DISHA. Developed ETL pipelines using Airflow to power DISHA Dashboard.
- Managed on-premise deployments on NIC's Meghraj Cloud. Deployed the entire stack Vue.js dashboard, ETL pipeline and dashboard modification APIs, ETL pipelines using debian packages.
- Added Monitoring of application and infrastructure to alert stakeholders of critical scenarios like failing ETL pipelines, high resource usage, high traffic on dashboard etc.
- Improved cataloging performance of Atlan Catalog by 90%, added versioning features such as remove a commit, rollback.
- Added features like data deduplication, data ingestion from S3, running SQL queries in the workflow to Atlan Workflows

Codementor

MENTOR

Remote

Jan. 2019 - Present

- Provided one to one live help on given problems/bugs to mentees
- Taught and guided on new technologies, fields and approaches on problem-solving.
- Have done over 100 sessions with 5 star rating with 40+ reviews

SocialCops

DATA ENGINEER INTERN

Delhi, IN

Jan. 2018 - May 2018

- Built a data integration framework using celery with support for state management and incremental data ingestion.
- Worked with data scientists and Business intelligence team to build ETL pipelines using Airflow to power analytics and dashboards
- Worked on building system native packages (Debian and RPM) of data integration services and ETL pipelines written in Python.

Projects

Human Detection and Tracking

PROJECT LEAD

Vadodara, IN

June 2016

- A command line application built with OpenCV and Python to detect individual humans and track them using their faces
- The application provides an API to users to train their own face datasets, the feature was built to support use cases like surveillance systems.

PQusic

PROJECT LEAD

Vadodara, IN

October 2016

- PQusic is a web application to listen audio songs, manage playlists and see trending songs
- Implemented the application using Python, Django, HTML, CSS and vanilla JS

Others

- **Stackoverflow**, Written 238 answers. Active in django, python, django-rest-framework, django-templates, node.js and 3 other tags.
- **Blogs**, Testing Celery Tasks – Arpit Solanki – Medium – <https://medium.com/@solankiarpit1997/testing-celery-tasks-a8a3568d0213>