Omkar Pathak

SOFTWARE ENGINEER · FULL STACK PYTHON DEVELOPER

*Pune, Maharashtra, India*

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Experience

**Numerator** *Pune, Maharashtra, India*

PYTHON ETL ENGINEER *November 2020 - Present*

• Developed **Airflow framework** for fetching data from various data sources like emails, postgresql database, oracle database, csv files; performing data transformations and storing it in **snowflake data warehouse**

• Author and maintainer for **CI/CD pipelines** for deployments in various environments

• Developed various **REST APIs** for Numerator data lake products

**Schlumberger** *Pune, Maharashtra, India*

DATA ENGINEER *July 2018 - Present*

• Developed and managed custom **containerized** data ingestion framework using **Nifi**

• Author and maintainer of Source to Hub project which loads data **directly from source into google bigquery**. Project mainly aimed at eliminating intermediate data loading in native hadoop clusters for more efficiency, reliability and speed

• Responsible for implementing and managing an **end-to-end CI/CD Pipelines** with custom validations for Informatica migrations which brought **migration time to 1.5 hours from 9 hours** without any manual intervention

• Enhancing, auditing and maintaining custom data ingestion framework that ingest around **1TB of data each day to over 70 business units**

• Working with L3 developer team to ensure the discussed Scrum PBI’s are delivered on time for data ingestions

• Planning and Executing QA and Production Release Cycle activities

**Truso** *Pune, Maharashtra, India*

FULL STACK DEVELOPER INTERN *June 2018 - July 2018*

• Created **RESTful APIs** using Django REST Framework

• Created event based fully dynamic frontend using Angular 5/6

• Developed and managed **MySQL databases and RDBMS architecture**

**Propeluss** *Pune, Maharashtra, India*

DATA ENGINEERING INTERN *October 2017 - January 2018*

• Wrote various automation scripts to scrape data from various websites that were managed by messaging queue using **Celery pipelines and RabbitMQ**

• Applied **Natural Language Processing** to articles scraped from the internet to extract different entities in these articles using entity extraction algorithms and applying Machine Learning algorithms like **Naive Bayes** to classify these articles

• Applied KNN with LSA for extracting relevant tags for various startups based on their works

Personal Projects

**Pyresparser** *API/Python Package*

*July 2019 - Present*

• A simple resume parser used for extracting information from resumes

• Extract information from thousands of resumes in just a few seconds

• Author and maintainer of this project

**• 71k+ downloads on Github**

**Pygorithm** *API / Python Package*

*July 2017 - Present*

• Author and maintainer of this project

• An educational library to teach all the major algorithms

• Got covered in Fosstack, FullStackFeed, Kleiber and Tagged under Hotest Github Project on ITCodeMonkey

**• 29k+ downloads on Github**

Education

**Marathwada Mitra Mandal’s College of Engineering** *Pune, Maharashtra, India*

B.E. IN COMPUTER ENGINEERING *2014 - 2018*

Honors & Awards

2020 **Winner at Paintball competition** , organized by Commerzone IT Park in Jan 2020 *Schlumberger,*

*India*

2018 **Top rated Python developer**, in Pune and **Fifth** in India at Github *India*

2018 **Quora Top Writer**, awarded for active contribution for technical QnA *India* 2018 **Awarded ‘The Best Outgoing Student Award 2017-18’**, based on overall performance *MMCOE, Pune* 2018 **Won 2nd Prize**, in an Hackathon organized by MIT-ADT Persona Fest 2018 *Pune*

**Best Paper Award**, in National Level Conference on “Emerging Trends in Computing , Analytics

2018

and Security - 2018”(NCETCAS-2018) *MMCOE, Pune*

Interests

• Illustrating

• Competitive Programming

• Photography

• Sketching

• Reading/Writing on Quora

• Contributing to Open Source projects