

Akshay

SOFTWARE ENGINEER • FULL STACK PYTHON DEVELOPER

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Experience

Numerator

PHP developers write server-side web applications using Hypertext Preprocessor (PHP) scripting languages. They are tasked with developing and coding back-end components and connecting applications to other web services. PHP developers also assist front-end developers to ensure their work integrates into the application

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 **1 TB 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**

Propellus

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, Full Stack Feed, Kleiber and Tagged under Hotest Github Project on IT Code Monkey
- **29k+ downloads on Github**

Education

Marathwada Mitra Mandal's College of Engineering

B.E. IN COMPUTER ENGINEERING

Pune, Maharashtra, India

2014-2018

Skills

Programming Languages: Python, C, PHP, C++, Shell Script

Frontend Technologies: HTML, CSS, JavaScript

Backend Technologies: Django, Flask (Python)

Operating Systems: Linux, Unix, Windows

Databases: MySQL, PostgreSQL, SQLite, MongoDB, Snowflake

DevOps/Tools: CI/CD (TravisCI, Github Actions, Azure DevOps), Docker, Kubernetes, Apache Airflow

Other: Git, NLP, Scikit-Learn, Cloud (GCP, Azure, DigitalOcean)

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 5th in India at [Github](#)

India

2018 **Quora Top Writer**, awarded for active contribution for technical QnA

warded 'The Best Outgoing Student Award 2017-18', based on overall performance

India 2018 A

Pune 2018 Won 2nd Prize, in a Hackathon organized by MIT-ADT Persona Fest 2018

MMCOE,

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