VAISHNAVI KAND

DATA ENGINEER

INFO

📍 Berlin, Germany

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PROFESSIONAL SUMMARY

- 2 years+ in software development & data engineering.
- Experience working on Python, ETL with MongoDB and MySQL, and AWS cloud services
- Working knowledge of REST APIs, Relational databases like MySQL & NoSQL as MongoDB, CI/CD pipeline using docker.

WORK EXPERIENCE

Python Data Engineer
Systems Plus Transformations | Nov 2020 - Nov 2021

- <u>Product</u>: IMeUsWe (Family Tree App)
- <u>Purpose</u>: Create a worldwide family tree, family stories, and other family media under a single product.
- <u>Responsibilities</u>:
  - Write optimized scripts in Python for data processing heavy task automation using python selenium and BeautifulSoup library.
  - Build the data pipeline
  - Store the cleaned & transformed data in CSV format to amazon s3 bucket and upload to MongoDB database using Pymongo driver in Python.
  - Extract the data from pdf using image processing & Pytesseract module.
  - Write AWS Lambda functions in Python to process the files uploaded from the front-end.
  - Write restful API with Flask.
  - Set up ci/cd pipeline using docker.
  - Contribute to data harmonization as well as data cleansing.

TECHNICAL STACK

Programming Language: Python

Python Framework: Flask

Databases: SQL, MongoDB

Cloud: AWS Services (S3, Lambda)

CI/CD: Docker

Infrastructure as code: Git

Knowledge of Data warehouse & data lake

Knowledge of Apache Kafka & Spark

Knowledge of Tableau

AWARDS RECEIVED

🔖 Star Performer, Systems Plus Transformations (2021)

🔖 Rank 4 in Data Science Hackathon Contest arranged by Icertis (2020)

Junior Software Engineer

Esseplore Labs Pvt Ltd | Jan 2020 - July 2020

- Product: Esseplore App
  - Data Automation: The purpose of data automation was to upload the data to the database reducing human effort and time. This uploaded data is visible in the app.
  - Domain: Application to upload excel sheet data to database and images to database and AWS S3 bucket
- Responsibilities:
  - Write the Python scripts to upload the data.
  - Write the Flask API to integrate with the front end of the database.
- Project: Esseplore website testing
  - Website automation testing using selenium in Python
  - Responsibilities:
  - Testing all the functionalities of the website using Selenium Python

Junior Software Engineer

Infogen Labs Pvt Ltd | Jan 2019 - July 2019

- Project1: Kids learning augmented reality application
- Project2: Book recognition application
  - Working on Frontend in unity, UI functionalities in C#
  - Developing the face recognition module in Python

EDUCATIONAL HISTORY

R.T.M. Nagpur University, India

Masters in Computer Science & Engineering | 2017- 2019 | Specialization: Machine Learning & Image Processing

- GPA: 8.63

Sant Gadgebaba Amravati University, India

Bachelors in Computer Science & Engineering | 2013-2017

- GPA: 9.02