SHREYASH MUSALE

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**Portfolio***: https://portfolio.shreyashmusale.com*

Professional Summary

As a software developer with 4 years of experience and a diverse skill set, I’m well-versed in various technologies and programming languages such as Python, Java, JavaScript, and SQL. My analytical skills and logical thinking ability have enabled me to work effectively with reputed organizations such as Wipro, E&Y, and BlackRock. I hold a Master's degree in Computer Science from Nottingham Trent University, which has further enhanced my technical expertise and provided me with advanced knowledge in the field. Additionally, my excellent communication skills make me an asset to any team. I am actively seeking an opportunity to leverage my skills and experience to make a positive impact in the software industry. With my passion for technology and desire to innovate, I would be an excellent addition to any company looking for a motivated software developer.

Skills

|  |  |  |
| --- | --- | --- |
| * Python * JavaScript, HTML * SQL, Oracle Server * PostgreSQL * ETL, Tableau * Data Pipelines * PySPark * Object Oriented Programming | * Django * Pandas, NumPy * NLTK, TEXTBLOB * DevOps * Azure, AWS * NLP, Machine Learning | * Redis * Microsoft Azure * GIT (Version control) * CI/CD Pipeline * Docker * RESTful Services * Agile Methodology |

Work History

**Senior Software Developer** 02/2022 - 08/2022

**Mphasis/BlackRock –** Pune, India

* Contributed in development of portfolio Blueprints using financial datasets within the proprietary GP Report Seeder tool.
* Collaborated with international team members to deliver critical features and back-end logic for a flagship in-house product at BlackRock.
* Demonstrated expertise in data manipulation by efficiently handling extensive datasets with Python, Pandas, and Sybase to meet specific project requirements.
* Successfully delivered tool features on time through an agile, sprint-based development approach.

**Senior Software Engineer** 02/2021 - 02/2022

**Msys Technologies/ Ernst & Youngs –** Pune, India

I worked as a part of a team named Asterisk with different co-workers for the supply chain domain project.

* Collaborated within the Asterisk team to contribute to a Supply Chain domain project.
* Took technical ownership of critical tools, SCP and SDP, and developed robust backend logic and REST API endpoints for these tools.
* Proficiently managed tool maintenance and deployment on production servers to ensure uninterrupted operation.
* Played a vital role in creating and maintaining databases, as well as designing data pipelines to align with specific client feature requirements.

**Project Engineer** 08/2018 - 12/2020

**Wipro Technologies –** Pune, India

I joined Wipro as a fresh graduate and worked in roles ranging from assisting a senior developer to working as an individual on a task. Most of the tasks included here were automating tedious manual tasks to save time

* Demonstrated a strong commitment to efficiency and productivity by automating numerous laborious manual tasks.
* Developed an automated application capable of efficiently segregating multiple URLs to verify their presence on the URL Blocking device.
* Created a Python-based tool that streamlined the testing of batches of URLs, checking for their activity and recording the results in an Excel format.

Education

**Master of Science:** Computer Science 09/2022 – 09/2023

Nottingham Trent University – Nottingham

**Relevant modules Included:**

|  |  |
| --- | --- |
| * Advanced Software Engineering * System Analysis and Design * Service Oriented Cloud Architecture | * Mobile Interactive Systems * Applied AI and Data mining * Dissertation Project |

**Bachelor of Engineering:** Computer Science 08/2014 – 07/2018

Savitribai Phule Pune University – Pune, India

**Relevant modules Included:**

|  |  |
| --- | --- |
| * Data Structure * Theory of Computation | * Software Design Methodologies * Operating system design |

Projects

**Cloud Based file management system** Module Project

Developed a file management desktop application using java and docker where user can store his files on cloud and can easily retrieve them whenever he wants. User can also create new file or open existing file and edit. **Technology Stack** – Java, JavaFX, MySql, Docker, Jsch

**GitHub Link** - [*https://olympuss.ntu.ac.uk/N1113049/JavaFXApp*](https://olympuss.ntu.ac.uk/N1113049/JavaFXApp)

**Stock Market Website** Module Project

Developed a stock market website using Python and REST APIs where user can analyse and buy stocks. **Technology Stack** – Python, Django, REST API, docker, Tomcat server, MySql

**GitHub Link** - [*https://github.com/shreyashm18/stockRestApiCoursework*](https://github.com/shreyashm18/stockRestApiCoursework)

**Student Traveller Photo Blogging Android App** Module Project

Developed an android app for students and travellers where they can upload a photo and write a blog about it. **Technology Stack** – Android Studio, Java, Firebase

**GitHub Link** - [*https://github.com/shreyashm18/AndroidStudentTraveller*](https://github.com/shreyashm18/AndroidStudentTraveller)

MSc Major Project

**Cryptocurrency Price Prediction Using Sentiment Analysis on Twitter Data**

Project aim was to predict the price movement trend by doing sentiment analysis on tweets related to cryptocurrencies and then analysing those tweets and historical prices to find conclusions. For this machine learning based solution, I used python language, pandas, NLTK tool, TEXTBLOB library. I used sequential model from keras library along with LSTM technique. The whole data was scraped from twitter using automated script through SNScrape library and was stored in CSVs. Data analysis was done and direction trend predicted as classified output 1 or 0.

Extra Curricular

* Created a python bot to fetch available vaccine slots in Pune, India and to send them to a channel n telegram.
* Created a web project where I can see COVID report (Used free API service) according to country, date range and also statistic of COVID patients.

**Part-Time Activities:**

|  |  |
| --- | --- |
| * Worked as cook staff at KFC. * Worked as hospitality staff at Calcutta Club | * Worked as warehouse operative at Riverside bakery * Working as a store staff member at Nisa and BP |