AMAN MISHRA

**SOFTWARE ENGINEER
JUNE 2018-PRESENT**

PERSONAL PROFILE

Highly competent professional with a proven track record in Python Development and Data Engineering. Energetic, ambitious person having a mature & responsible approach to any task that I undertake or situation I am presented with.

CORE STRENGTHS

- Python
- Data Engineering
- Data and Web Scraping
- Research and Development
- SQL and NoSQL Databases

TECHNICAL SKILLS

- **Languages** : Golang , Python, Java, C#, Shell Scripting
- **Advanced Tools** : Docker, AirFlow, KAFKA
- **Databases** : MYSQL, MongoDB, PostgreSQL, Orient DB, DynamoDB , SQLite, ETL tools, Elasticsearch
- **Analysis** : Data Analysis, Text Analysis, Sensomatic Analysis
- **Data Visualization** : Grafana, Matplotlib, Seaborn, Tableau
- **APIs** : Rest API, Fast API
- **Web Development/ Frameworks** : Flask, Django, CherryPy, HTML, CSS, JS, JQuery, Bootstrap, PHP
- **Cloud Services** : AWS, Heroku, GCP
- **Version Control** : GitHub, Bitbucket

WORK EXPERIENCE

Company : Niyuj

- **Team Lead : NICE (Dec-2021 to Present)**

- **Involved in the pre-sales work to win this client**
- **Successfully implemented POCs which played the most important role to win this client**
- Currently leading the Team of 5 people towards the completion and delivery of the project

- **Data Engineer : Womply (Mar-2021 to Jan-2022)**

- Working on creating Data Pipeline using AWS Glue, RDS, S3 and Snowflake
- **Developing large scale data conversion from JSON to Parquet jobs using PySpark and scheduled them with Airflow**
- Worked as a DevOps Engineer for Data Engineering Team as well
- Was responsible to serve and complete all the Infra requests of Data Engineering Team.
- **Achieved 10X better performance and 5X cost savings with the new data pipeline created**
- Developed more efficient Data Pipeline to migrate the data from source(RDS) to destination(Snowflake)
- **Migrated 15+ different old data pipeline infrastructure components like AWS Glue, RDS instances, etc.efficiently to new infrastructure using tools like Terraform**
- Generated detailed studies on potential third-party data handling solutions, verifying compliance with internal needs and stakeholder requirements.
- Performed large-scale data conversions, transferring JSON data into standardized parquet formats for integration into Data Science model.
- Created a Slack-Jenkins integration for the finance team to efficiently interact with Jenkins.

Company : Velotio Technologies

- **Senior Software Engineer : MPL (Nov-2020 to Feb-2021)**

- Created custom Slack Bot for Jira, which helped in performing CRUD operations on Jira tickets from Slack directly.
- **Created Jenkins Bot for deployment of code directly to different environments via Jenkins just by typing a command**
- Dockerization of code base
- Automation of AWS cloud services
- Development and deployment of databases
- Orchestrating efficient large-scale software deployments, including testing features and correcting code
- Reviewing code and working with development teams to correct problems, run test scenarios and prepare for deployment
- Working closely with other business analysts, development teams and infrastructure specialists to deliver high availability solutions for mission-critical applications

Company : Miko.ai

- **Python Developer: (Feb-2020 to Nov 2020)**

- Part of Core Data Science team .
- **Developed recommendation systems for IPL 2020.**
- **Solved the problem of context management on Chatbots. Received high appreciation for the same**

- Created Data Scraping and Web Scraping scripts from various platforms containing huge amount of data (sometimes ranging to more than 200-300 GB's) with consistent accuracy of more than 90%.
- Developing and Managing database for an entire domain.
- Perform text pre processing for developing recommendation systems.

- Wrote highly efficient Python scripts to perform resource and time intensive database transactions in a matter of seconds thus increasing the efficiency of the entire database system.
- Created Flask APIs to read and write data to Database
- Developed code fixes and enhancements for inclusion in future code releases and patches

Company : Miko.ai

- **Senior Testing Executive: (Jun-2018 to Feb 2020)**

- Oversaw an entire database migration project
- Created tool to automate the configuration file changes
- Efficiently created over 60 automation scripts using UFT
- Debugged code and located root causes of problems by reviewing configuration files and logs
- Utilized Python to handle debugging and automation scripting tasks
- Analyzed customer and stakeholder needs, generated requirements, perform functional analyses and implemented Requirements Management Plans
- Assisted with designing information and operational support systems
- Defined technical integration strategy and developed Integration plans
- Developed code fixes and enhancements for inclusion in future code releases and patches

ACADEMIC HISTORY

- **2015 - 2018   BACHELOR'S IN COMPUTER SCIENCE**

    - Graduated with 9.1 GPA
    - Majored in Computer Science

- **2013 - 2015   HIGH SCHOOL IN SCIENCE**

CONTACT DETAILS

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