

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

DATA ENGINEER

Company : Niyuj

- **Client** : Womply (Mar-2021 to Present)

- Worked on creating Data Pipeline using AWS Glue, RDS, S3 and Snowflake
- Achieved 10X better performance and 5X cost savings with the new data pipeline
- Created a more efficient Data Pipeline to migrate the data from source(RDS) to destination(Snowflake)
- Migrated 15 different old data pipeline infrastructure components 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 standardised parquet formats for integration into Data Science model.
- Created a Slack-Jenkins integration for the finance team to efficiently interact with Jenkins.

SENIOR SOFTWARE ENGINEER

Company : Velotio Technologies

- **Client** : MPL (Nov-2020 to Mar-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
- Orchestrated efficient large-scale software deployments, including testing features and correcting code
- Reviewed code and worked with development teams to correct problems, run test scenarios and prepare for deployment
- Worked closely with other business analysts, development teams and infrastructure specialists to deliver high availability solutions for mission-critical applications

CONTACT DETAILS

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<https://amanaation.github.io/>

ACADEMIC HISTORY

RJ COLLEGE, MUMBAI

Bachelor in Computer Science, 2018

- **Graduated with 9.1 GPA**

- **Majored in Computer Science**

RJ COLLEGE, MUMBAI

High School, 2015

PYTHON DEVELOPER

Company : Emotix (Mar-2020 to Nov-2021)

- Part of Core Data Science team .
- Developed recommendation systems for IPL 2020.
- Created Data Scraping and Web Scraping scripts from various platforms containing huge amount of data (sometimes ranging to more than 2-3 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.
- Responsible for Database Development of company's flagship product.
- Responsible for Data Visualization using Grafana, etc. and User analysis which provided insights about user behavior and product selection pattern leading to increased performance of the product in the market.

SENIOR TESTING EXECUTIVE

Company : Infosys Pvt LTd (Mar-2020 to Nov-2021)

- 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