

AMAN MISHRA

SOFTWARE ENGINEER
JUNE 2018-PRESENT

<https://github.com/amanaation>

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 Warehousing
- ETL Pipelines
- SQL and NoSQL Databases

TECHNICAL SKILLS

- **Languages** : Python, Shell Scripting, PySpark, Golang
- **Advanced Tools** : Docker, AirFlow, KAFKA
- **Databases/ DataWarehouses** : Google Analytics, BigQuery, Snowflake, Google Data Visualisation, Airflow, Airbyte, CDATA, Stitch, AWS, MongoDB, PostgreSQL, Redshift, RDS, MySQL, OrientDB, ElasticSearch , Kafka, IBM Db2, Dataflow, Data Catalog
- **APIs** : Rest API, Fast API, Flask API
- **Web Development/ Frameworks** : Flask, Django, CherryPy, Bootstrap, PHP
- **Cloud Services** : AWS, Heroku, GCP
- **Version Control** : GitHub, Bitbucket, GitLab, SVN
- **CI/CD** : Jenkins, Bamboo, CircleCI, Github Actions, Gitlab

WORK EXPERIENCE

>> Company : Ness

Senior Data Engineer : Out Of The Blue(OOTB) (Jan-2022 to Present)

- Creating Data connectors to ETL data from 150+ data sources to our Data Warehouse
- Contributed in creating the first ever Druid database connector available in the market. Planning to make the connector open source.
- Creating an end to end CI/CD pipeline, right from running unit testing scripts to automated deployment of docker images using Github Actions, Docker, AWS ECR.
- Completed multiple mission critical POCs and provided analysis to determine the path of the product development.

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

- Created large scale and efficient Data Pipeline using AWS Glue, RDS, S3 and Snowflake
- Developed large scale data conversion pipelines from JSON to Parquet jobs using PySpark and scheduled them with Airflow
- Achieved 10X better performance and 5X cost savings with the new data pipeline create
- 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

- **Tech Lead : NICE**
(Dec-2021 to Present)
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- Involved in the pre-sales work to win this client
- Successfully implemented POCs which played the most important role to win this client
- Migrating 100+ repos from SVN and Bitbucket to Gitlab while maintaining 0 downtime of the product
- Migrating more than 150 bamboo jobs to Jenkins
- Currently leading the Team of 5 people towards the completion and delivery of the project

>> Company : Velotio Technologies

- **Senior Software Engineer :**
MPL (Nov-2020 to Feb-2021)
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- 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
- Reviewing code and working with development teams to correct problems, run test scenarios and prepare for deployment

>> Company : Miko.ai

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

>> Company : Infosys Ltd.

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

ACADEMIC HISTORY

- **BACHELOR'S IN COMPUTER SCIENCE : 2015 - 2018**
 - Graduated with 9.1 GPA
 - Majored in Computer Science
- **HIGH SCHOOL IN SCIENCE**

CONTACT DETAILS

- **Cell:** 7738318389
- **Email:** iamanmishra2007@gmail.com
- **Website:** <https://amanaation.github.io/>