**EDUCATION**

Post Graduate Diploma - Industrial Mathematics Grade: **First** **Class**, June 2010 - Jun 2011

Master of Science - Computer Science, Grade: **First** **Class**, June 2008 - Jun 2010

Bachelor of Science - Computer Science, Grade: **First** **Class**, June 2005 - May 2008

New Arts, Science & Commerce College, Ahmednagar. **University of Pune**.

**EXPERIENCE SUMMARY**

**Software Engineer, 14+ years experience**

Python Developer Backend - 5+ years - Anomaly Detection, Infinity Document Digitization Product - Citi

Data, ML Scientist, Python - 3.5+ years - Generalizing ML models, presenting insights, data preprocessing - AT&T client

Data Engineer - 5.5+ years - Data pipelines development & orchestration building - Merck, John Deere, Union Bank NA clients.

**SKILLS**

**Coding**: Python 3, Pandas, Numpy, pytest, SQL, Shell Scripting, git, pySpark, Flask, Bitbucket, Github, Code Refatoring, PR Reviews, Product features development & refactoring, pyCharm IDE

**Data Stores:** MongoDB, pySpark, Hive, Hadoop, ORACLE 10g, Teradata 12, DB2

**Machine Learning:** sklearn, NLP, SpaCy NER, Keras, Random Forest, k-means, xgBoost, MLFlow, 3-4 layered neural networks

**ETL:** Informatica Power Center 9.6.

**Familiar with:** Airflow, Docker, Openshift, Kafka, CICD, Spark Streaming

**Other:** Configured 0 code OpenTelemetry, COIN Spike on Provider Consumer to implement on Microservices

**TRAINING / COURSE**

# **Renaissance - DSA, Low Level Design etc.**

DSA, Design Principles (SOLID, KISS, DRY), Design Patterns

Solved 69 DSA Problems on leetcode. 38 Medium, 5 Hard, 25 Easy

API Contracts - Hands-on ATM Design, Enquiry Handler, Scoreboard Notification etc.

**Generative AI with Large Language Models certified by Coursera.org,**

Hands-on. Dialogue summarization FLAN-T5 LLM, Prompting etc.

**Big Data Masters Program certified by trendytech.in,**

Hands-on. Apache Hadoop, Hive, pySpark, Kafka, Airflow, Sqoop, Spark Streaming etc.

**Applied Machine Learning Course certified by** [**www.appliedaicourse.com**](http://www.appliedaicourse.com)**,**

Hands-on 15+ case studies - 20 Newsgroups Docs classification, Spoken Digit Recognition, DonorsChoose Fundings, etc

Hands-on ML Algos - Linear/Logistic Regressions, Random Forest, xgBoost, Naive Bayes, k-means, TF-IDF etc

Hands-on Neural Networks - Simple NN, CNN, Inceptions, LSTM, Intro to Encoder, Decoder, Transformers etc.

**Objective:** To work & **experience API Contracts design for Software Product**, Low Level Design / Machine Coding.

I’m not a UI developer. Familiar with DevOps but no on job experience. If stuck, I ask for help.