
EDUCATION

Post Graduate Diploma - Industrial Mathematics
Master of Science - Computer Science,
Bachelor of Science - Computer Science,

Grade: **First Class**, June 2010 - Jun 2011
Grade: **First Class**, June 2008 - Jun 2010
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 Refactoring, 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](https://www.coursera.org).

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

Big Data Masters Program certified by [trendytech.in](https://www.trendytech.in),

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

Applied Machine Learning Course certified by 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.