


Aman Upadhyay

Python programming, Data Science, IoT, Restful APIs

Nallasopara West
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 <https://amanupadhyay.github.io>

PROFESSIONAL SUMMARY

Software engineer with over four years of experience across different technologies such as Python, Flask, ML and Data Science, Database, Rpi, and Embedded C.

EXPERIENCE

TinkerCoders Edtech, Mumbai — Product Head

Dec 2020 - present 5.4 LPA

- Machine learning and Data Science
- Computer vision
- Platform for AI and Machine learning (<https://aiconnect.cc/>)
- Computer vision Drones
- Application development
- Curriculum for AI and Computational thinking

StemRobo technologies, Mumbai — Innovation engineer

Aug 2017 - Dec 2020 5.2 LPA

- IoT Devices and Cloud
- DIY kits for Edtech
- MySQL and SQLite database
- REST API using flask
- Curriculum design, Training, and workshop

SKILLS

- Python
- PostgreSQL and MySQL
- Flask
- Flutter
- RaspberryPi, Arduino, and NodeMCU
- Git version control
- Embedded C
- Basic HTML/CSS and JavaScript

EDUCATION

Masters in Computer Science SLRT college of engineering

Mumbai University

2020 - present

Bachelors in Electronics Engineering

**Universal college of
engineering**

Mumbai University

2013 - 2017 - CGPA 6.61/10

PROJECTS

Stackoverflow question Tagging

- Logistic Regression
- Naive Bayes
- Support Vector Machine
- SGD Classifier

Netflix Movie Recommendation

- Content-based and Collaborative filtering
- Matrix Factorization and NMF
- PCA and SVD
- Clustering as MF

Personalized Cancer Diagnosis

- Data analysis
- Naive Bayes
- Random Forest
- SVM

New York Taxi Demand Prediction

- Time Series and Fourier transformation
- Data Cleaning
- Clustering Segmentation
- Linear regression, Random Forest regression
XGBoost regression

IMDB Sentiment Classification

- TensorFlow and Keras
- LSTM
- Embedding and Sequencing
- Dense, Dropout, Conv1D layers

Quora Question Pairs

- T-SNE
- Word2Vec
- Logistic Regression and SVM
- XGBoost

Human Activity Recognition

- Sensor time-series data
- Classification using deep learning
- Data analysis and visualization
(t-SNA)

PERSONAL DETAILS

Address - B/106, Shree Hari complex, Nallasopara west, Palghar- 401203

Date of Birth - 01st June 1996

Marital Status - Single

Gender - Male

Nationality - Indian

INTERESTS & HOBBIES

- Exercising and healthcare
- Event Management
- Listening to music
- History and International relationship