

Shivam Katiyar

Software Engineer

Graduated from NIT Allahabad in B.Tech(CSE). Software Engineer with a history of working in the information technology and service industry. Skilled in Python, Machine Learning, MySQL, Data Structure and Algorithm.

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WORK EXPERIENCE

Software Engineer

TCS

09/2018 – Present

Noida, India

Tasks and Responsibility

- Worked as a developer on different projects. Major tasks were to understand system/business requirements, then design, develop, test, implement and maintain application software.
- Development and debugging in Python and Java.
- Contribute to the production solutions' development, testing, and deployment.

PROJECTS

Sentiments analysis of tweets using NLP

- This project streams tweets using twitter API (tweepy) directly into database, data then preprocessed to feed the algorithm using NLTK, Pandas, and Textblob to calculate sentiments of the tweets.
- Polarity of tweets calculated as either positive, negative or neutral.

Student managemnt portal using Django MVC

- Simple student management portal to add,update,edit delete student information using Django MVC and SQL in Python

Reducing credit default rate using Decision tree Algorithm, ML

- Detection of high likely credit default customer with given past dataset using machine learning decision tree algorithm with Scikit-learn, and Pandas libraries.
- Model evaluated with training accuracy of 0.68.

EDUCATION

B. Tech. , Computer Science and Engineering

NIT Allahabad

2014 – 2018

6.24/10

XII (UP Board)

SPI Mamri

2011 – 2013

86%

X (UP Board)

GIC Lakhimpur

2010 – 2011

75%

SKILLS

Languages: Python,Java, C++

OOPS : Python

Data Structure

Algorithm

MySQL

Django

Scikit-learn

NLP

Pandas

ACHIEVEMENTS

Scored 258/360 in JEE Mains 2014.

Admin of peer to peer network of MNNIT(DC hub).

TECHNOLOGY/TOOLS

Jupyter Notebook

Used as application software for development and presenting projects in Python.

Spyder

IDE for development, debugging and manage software projects in Python

Other: MySQL Workbench, Sublime Text, GitHub, VSTS.

AREAS OF INTEREST

Data Structure

Algorithm

Web Development

Competitive Programming