

Neeraj Kumar Yadav

Email id: neerajdtu2015@gmail.com | Phone no: + 8800105760

Career Objective:

To work in an organization where I shall be able to utilize my skills, potential and professional attitude to meet the challenges of the industry, to contribute to the growth of the organization, thus enhancing my personal growth.

Skills & Tools

- ☐ **Languages** - Python
- ☐ **Softwares** - Docker, Pycharm & IPython notebook.
- ☐ **Packages** : Scikit-learn, NLTK, Spacy, OpenCV, Pandas, awscli, etc.
- ☐ **NoSQL data stores** - Elasticsearch and MongoDB
- ☐ **Frameworks** - Django, Flask and Falcon
- ☐ **Others** - AWS sagemaker, AWS lambda, Rabbitmq, Apache bench load test, web server, Unicorn, etc.

Education:

- ☐ Bachelor's in Engineering physics from Delhi Technological University(formerly DCE), 2011 - 2015
- ☐ HSSC - Completed in 2010 from RPVV, Lajpat nagar (CBSE, Delhi)
- ☐ HSC - Completed in 2008 from RPVV, Lajpat nagar (CBSE, Delhi)

EMPLOYMENT RECORD

May-2017 - Present

Algoscale Inc

Data Scientist

Working as Data Scientist, I've worked on given projects focussed on Natural Language Processing, ML and also worked towards creating POC's for clients. Apart from modeling, making APIs on Flask, Django and Falcon and deploying to server using Docker and AWS Elasticbean.

- Posture classifier using accelerometer and gyroscope reading as features to classify seating and standing position of user.
- Subject classifier using Random Forest to classify between Physics, Mathematics, Chemistry and Biology.
- QnA bot, where users can ask question and get similar matched results and answers gets improved by user's feedback.
- Product review classifier, which classifies sentences to one of the four classes i.e Complaint, Query, Positive and Negative.
- Crypto arbitraging, finding out arbitrage opportunity in different exchanges.
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May-2016 - May-2017

Algoscale Inc

Application Developer

Working as a Application developer, I've worked on creating RestAPIs on Django, Flask and Falcon frameworks of python, Deployment of project using Docker to server, Data mining, Web crawling, Test cases and AWS. After one year i have been given a responsibility of Software development guide(SDG) and review code of my team. I've worked on below projects:-

- Job recommender, Where my role was to create APIs using Flask.
- Employee star rating predictor, Where my role was to create APIs using Flask.
- Making a web crawler to extract data from a well known professional website.
- Company strength predictor, Where my role was to create APIs using Django.