CURRICULUM VITAE

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Profile :

I am an undergrad pursuing B.Tech from Jamia Millia Islamia in Electronic and Communication Engineering. I have a major interest in programming and problem-solving. I have good knowledge of Machine Learning (And AI) and am interested in Research in ML or DL domains. I have done a good amount of projects (Listed Below) to support my skills. I also have good knowledge and experience in Web development (Both FrontEnd and Backend).
GitHub Account Link.
GitLab Account Link.

Work Experience :

04/2020 - 06/2020 **SDE Intern**
Innovaccer
- Worked on Telemed product with frontend on React.
- Integrating video calling feature using MS teams API.
- API and utility development on Django.

07/2019 - 10/2019 **Software Developer Intern**
Rydeu.com
Ground transport and logistics solution company based in Germany
- Worked on Database design and their migrations.
- Designed multiple API endpoints and their integration.
- Integrated many services like mailing, logging, stripe, etc.

12/2018 - 01/2019 **Web Developer Intern**
Al-Ghamdi Travels
New Delhi, Delhi
- Worked On Alghamdi Management Portal built on Node.js as Back-end and MongoDB as Databases.

Projects :

- **Code-ML** (10/01/2020 - present)
  A Machine Learning Blog, completely built from scratch. Since I had started learning ML and AI, I thought of sharing my knowledge. As we know, what is the best to learn and remember ? is to teach others. It has almost all the features a traditional blog has like commenting, bookmark, likes, auth, etc.
  Tech Stack - Node.js, React.js, Bootstrap, and PostgreSQL.

- **Face Recognition Using Tensorflow.js**
  A Web application to recognize faces and identify it, One can train it by entering the name and their pics in the browser, this is done by using Pre-trained model mobilenet_v1_1 from Tensorflow Hub. Demo

- **Reddit Flair Detection**
  Detection of popular Reddit flair on "**r/india/**" subreddit. This project includes data scraping, EDA, modeling, and Heroku deployment.

Repository link.

- **Toxic Text Analysis Using Tensorflow.js**
  Web Application built on HTML, CSS, and javascript, which analyze toxicity in a given Text using a Pre-trained model from Tensorflow Hub. Demo

- **Mini Projects on Deep Learning:**
  1. Classifying Number by training MNIST data on Neural Network.
  2. Classifying Cloths by training Fashion MNIST data on Neural Network.
  3. Finger counting using the OpenCV library.
  4. Video-based object detection using OpenCV.

- **Alexa Skills: Web Scraping project, Python**
  It is Alexa skill which uses its python SDK, in its core a python script run that scrapes data from Wikipedia. Second skill which tells users where they can visit in a particular city for that I scrape a huge Data of cities from websites and structured it in a way that my Alexa skill required. Link

Education/Qualifications:

2017-Present Jamia Millia Islamia, B.Tech Electronics and Communication Engineering (Currently Pursuing)
2014-2016 Dev Samaj Modern School No-1,Senior School Certificate Examination(Class 12), 90.04%
2012-2014 Dev Samaj Modern School No-2,Secondary School Examination(Class 10), 8.8 CGPA.

Skills: C++, JavaScript, Python, Node.js, SQL/NoSQL, Flask, React js, Machine Learning.
Frameworks/library: Numpy, Pandas, Keras, Matplotlib, sci-kit- learn, OpenCV, Tensorflow, tensorflow.js.

Certificates :

1) Deep Learning Specialization
   a) Learned about Deep and shallow Neural Networks.
   b) Learned all about activation function, optimization, regularisation, etc.
   c) Different strategies like dataset distribution, human-level performance, error analysis, etc.
   d) CNN, different architects of CNN like leNet, googLeNet, etc. And some object detection algo like yolo, etc.
   e) Learning about RNN, word embedding, sequence to sequence modeling, etc.
2) TensorFlow: Data and Deployment 4 course Specialization.
   a) Learned how to save models and use them in web and mobile devices.
   b) Learned about TensorFlow splits, tensorboard, and how to share pre-trained models with Tensorflow Hub.
   c) And how to create a data pipeline using TensorFlow.
3) Programming for Everybody (Getting Started with Python)

Languages: English, Hindi.
Interests: Programming, Video games, Table Tennis.