

CURRICULUM VITAE

Name Mohammad Ahmad
Address New Delhi, Delhi
Telephone +91 8700916432
Email md.ahmad0652@gmail.com
LinkedIn www.linkedin.com/in/mohammad-ahmad-02891415b
Website <https://mohammadahmad242.netlify.app/>

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.

09/2019 - 06/2020 **Research Intern**
WowCheme

- Explored applications of machine learning in understanding catalysis for energy and chemical production.
- Successfully reviewed and summarized a few research papers.
- Co-authored a book chapter entitled "*Catalytic production of high-value chemicals from high volume non-food biomass: Implications from Machine learning in acid catalysis*" with Md. Imteyaz Alam which is going to be published soon by Springer Nature.

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.

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.