

# Ghaiyur Naqui Ahmad

Software Developer | AI,healthcare,edu-tech

I work in the Artificial Intelligence / Big Data/ IoT space and build human intelligence | My role involved working closely with medical professionals to create data driven self-sustained ecosystems | Currently working to develop meaningful and impactful E-learning platform.

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## WORK EXPERIENCE

### Senior Software Engineer

Wipro

08/2021 - Present

### Data Scientist | Software Engineer

TECH IS | Musubi Managemnt

07/2020 - 08/2021

Tech I.S. is a global programming school curated to fill the void in the Edu-Tech space.

Achievements/Tasks

- Created curriculum for RDBMS technologies
- Synthesis of Python Coursework
- Academic Tutorial Scripting and Production
- Prototyping AI implementations for Chest X-ray Imaging based diagnosis [CNN]
- Research and implement Node.js based solutions
- React JS Frontend and Django REST API based Projects
- Django powered Relations Management ecosystems

### Artificial Intelligence Engineer

PION.AI

07/2019 - 07/2020

A premier AI company that provides customized hardware and federated AI solutions that eliminate the need for in house

Achievements/Tasks

- Data Mining and analysis of **Diabetic retinopathy**
- Relational Database orchestration
- Docker formulation and implementation
- Medical big data analysis | MIMIC-III
- Rapid Prototyping on Covid-19 severity symptomatic predictions
- Mongo Dbs Deployment on Cloud and Remote operations

### Generalist AI Intern

Nvida

04/2018 - 10/2018

Achievements/Tasks

- Constructed a deep neural network to segment and classify vehicular objects for an autonomous automobile
- Created Shell script to better process and automate file IO
- Optimized Keras model to improve performance

## EDUCATION

### Post Graduate in Business Administration - Information Technology and Systems

SVKM's Narsee Monjee Institute of Management Studies (NMIMS)

07/2020 - Present

### Bachelor of Technology, Instrumentation and Control Engineering

Manipal Institute of Technology

2015 - 2019

## SKILLS

Python

SQL

Applied Engineering

ML/AI

Sklearn

Keras

Tensorflow

Pytorch

Content Creation

Data Science

Product Management

Data Analysis

React JS

Django

## PERSONAL PROJECTS

### AQI Monitoring and Predictive Ecosystem (01/2019 - 05/2019)

- LSTM based predictive system to prove PM 2.5 is sufficient to accurately calculate AQI

### Tableau Portfolio (05/2020 - Present)

- Creating various analytical dashboard to better explore multidisciplinary datasets

### Web Frameworks (01/2021 - 07/2021)

- Created a Pure Django Twitter clone
- Also crafted Django based REST API and React JS to create the same project

## ACHIEVEMENTS

### Created content pipeline (06/2020 - 12/2020)

Developed content for peers and clientele for better programming practices thus increasing efficiencies of the product sales. Created YouTube Content for 300+ Trainees

## LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

Japanese

Elementary Proficiency

French

Elementary Proficiency

## INTERESTS

Reading

Open Source Contribution

Mentoring

Chess

Travelling

Content Creation