PERSONAL INFORMATION

Muhammad Zeeshan Ahmad

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Sex: Male   Date of Birth: 01/08/1998   Nationality: Pakistani

PERSONAL STATEMENT

I am working as a Data Engineer/Python developer with 3 years of hands-on experience in Machine Learning and Data pipeline development in python for the Data Warehouse project. I am passionate to learn in the area of machine learning and data science. I have my expertise in Android development also.

WORK EXPERIENCE

Aug 2021 -- Present

Software Engineer -- Python (2 years)

Technogenic SMC PVT LTD, Lahore

Responsibilities:
- I am involved in design and development of pipeline to ingest large-scale data into Elasticsearch from client
- Collecting and Identifying requirements and translating them into scalable and stable solutions
- Identification of design problems and work with developers to implement state-of-the-art design solutions

Skills Learned:
- Worked on Flask and socket.io for communication within the components of the pipeline
- Kafka and Zookeeper to transfer data stream between the cloud components
- Fluentd and Elasticsearch to store the data for further processing
- Worked on Docker, kubernetes and GCP

July 2020 – July 2021

Research Assistant (1 year)

Namal Institute Mianwali

Responsibilities:
- I was involved to research and propose the solid solutions for the above both projects
- I've worked with Large scale dataset for a soil project and applied different algorithm for desired outcome
- I was responsible to handle the android Application for both projects for Plant Disease Detection the android application is available on the play store

Skills Learned:
- Hands-on with different models and and tools of Machine Learning and Deep Learning
- Mostly worked on the Transfer Learning but in some case/projects I have also wrote some custom Keras sequential models
- Data preprocessing techniques, Dimensionality reduction algorithms and Case based reasoning etc

July 2019 – Aug 2019	**Internee Software Developer**

Inbox Business Technologies PVT Limited, Islamabad – Pakistan
PABX: +92-51-9207091 Email: webmaster@secp.gov.pk
Website: https://www.secp.gov.pk/

Skills Learned:
Hands on with Microsoft Azure and Machine Learning.

EDUCATION

Sep 2016 –May 2020	Bachelor | **Computer Science**

Namal Institute Mianwali

FYP: ***Soil Analysis using Machine Learning***

Core Courses:
Object Oriented Analysis and Design
Data Structures and Algorithms
Analysis of Algorithm
Software Engineering
Computer Networks
Artificial Intelligence
Machine Learning
Data Mining
Android Development
Computer Vision

Aug. 2014 – May 2016	Intermediate | **Pre-Engineering**

GHSS Danda Shah Bilawal, Chakwal, Punjab – Pakistan.

ADDITIONAL INFORMATION

PROJECTS

DataWarehouse
Using Python

Soil Analysis Using Machine Learning
Python, Machine Learning

Plant Disease Detection
Python, Deep Learning

Chat Application
Using Java, Computer Networks

Tic Tac Toe Game
Using C++, PF & Using MATLAB ,AI

Laboratory Management System
Using HTML, CSS, JavaScript in Software Engineering

Simple Web Server
Using Java, Operating System

Multiple Digit Recognition
Using Python, Machine Learning

Academic Skills & Interests	Skills:

Skills:
- Python
- Machine Learning & Deep Learning
- Fluentd, Elastic search, Kafka, Redis
- Flask Rest API, socket.io
- Integration (Splunk, Rsyslog)
- Docker, Git/Bitbucket, GCP
- Data Warehouse Pipeline

Interests:
- Data Science/Data Engineering
- Machine Learning & Deep Learning
- Researcher

Awards & Honors
- Awarded with "Best Final Year Project" in Bachelor
- Awarded with "Most disciplined employee of the year 2021"

EXTRA MURAL ACTIVITIES
- Participation in Gaming Competitions

Mother Tongue	URDU				
Other Languages English	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
	Good	Good	Good	Good	Good

REFERENCES

- Available upon request