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Mian Mansoor Ahmad

Portfolio:
Github
LinkedIn
Tableau

TECHNICAL EXPERIENCE

Data Scientist/ Python and Chatbot Developer/ Instructor
Fiverr/ Upwork (freelancing)

May 2020 — Present
Remote, Worldwide

- Provided Python and Data Science tutoring.
- DevOps solution for Multitenacity (multiple chatbot deployment) on single server.
- RASA and Botfront Chatbot design, development and deployment for chitchat, FAQ, customer support, US Showroom support.

Data Analyst / React Django Developer
ML Sense

Nov 2021 — Feb 2022
Remote, United Kingdom

- Used Tableau for Customer Behaviour Analysis of UK based brands to increase sales.
- Utilized ReactJs and Django Web Development for a major chain of brands for a custom dashboard.

Data Science Executive
HBL First Microfinance Bank Pvt. Ltd.

Sept 2020 — Nov 2021
Remote, Pakistan

- Mainly used Python, R and Power-BI for Text and Time-series Analysis of call center, Facebook Page Posts and ATM transactions data for Topic Classification, Agent performance, major causes of transaction failures and ad-hoc reports.
- Performed SQL Analysis of user demographic and conversation topics, by using the chatbot API and databases to annotate and improve the conversation. Used Python and CronJob to automate the daily routine.
- Built Conversational Chatbots using RASA, from designing, developing, deploying to annotating improving conversation with Spacy, English and Roman Urdu model training. Developed Speech Recognition DL Model and deployed it using FastAPI.
- ML Model deployment using Docker-compose, Kubernetes on Cloud and on-prem server with encryption and load balancing.

Data Scientist (Internship)
The First MicroFinanceBank Ltd Pakistan (FMFB-P)

Feb 2020 — Apr 2020
Islamabad, Pakistan

- Used Python for Data Analysis and Visualization, built dashboard using streamlit for call centre text data.
- Development for Psychometric Credit Scoring. Data Extraction using Facebook Graph API.

Physics Subject Specialist
tutoria.pk

Aug 2018 — Oct 2019
Islamabad, Pakistan

- Developed Physics and Math Educational Content for High School and College Level Boards.
- 2d and 3d-Animation using Animatron and Blender.

SKILLS

Tools and Languages	Python, R, SQL, Power-BI, Tableau, MySQL, Oracle, Postgres, SQLite
Data Analytics Concepts	Data Gathering, Cleaning and Wrangling, Visualization, ML Modeling, Reporting
Dev-Ops	Docker, Kubernetes, Helm, Cloud (GCP, AWS), On-prem, NGINX, CICD, Github Actions, ArgoCD
Familiar With	C, C++, FORTRAN, Flask, Shiny, HTML, AWS, Heroku, Django, ReactJs
Relevant Subjects	Mathematical Methods for Computing, Operating System, Algorithm Analysis, Computational Theory, Machine Learning, Deep Learning, Calculus, Linear Algebra, Partial Differential Equations

EDUCATION

Master of Science in Computer Science, *National University of Science and Technology, H-12, Islamabad*
(expected)

Sep 2021 — Aug 2023

Bachelor of Science in Physics, *National University of Science and Technology, H-12, Islamabad*
Intermediate, FSc, *St. Mary's College, Rawalpindi*

Sep 2014 — Aug 2018
2012 — 2014

CERTIFICATIONS

Coursera	Data Science Tools, Methodologies, Python, SQL and Databases, Data Visualization, Data Analysis, Machine Learning with Python
Udemy	Hands-On Power BI, Python Flask
Data Camp	Sentiment Analysis, Spoken Language Processing, TensorFlow, Deep Learning, DL with Keras, Building Chatbots in Python, Web Apps R-Shiny, Database Design, Intro to NLP, Flexdashboard, Intro to Power BI, Intermediate Importing Data, OOP in Python, SQL
Dice Analytics	Data Science and Machine Learning (Physical Certificate)
Others	Blockchain Essentials, HTML Fundamentals, Workshop given on building Chatbots at SUSE, SUSE Cloud Native Scholarship (partial), Where Eagles Dare by Youth Impact Alumni