

Omer Khan Jadoon

Data Engineer | Data Analyst | Data Scientist



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WORK EXPERIENCE

Data Analyst

Advance Telecom Solutions (ATS)

08/2022 - Present

Haripur, Pakistan

Achievements/Tasks

- Data Pipelines, ETL, Batch Scoring, Stream Processing
- Visualization using Power BI, ML using Azure ML Studio

Contact : M Shafique (CEO) - <https://atsailab.com/>

Assistant Manager

National Radio & Telecommunication Corporation (NRTC)

10/2021 - 06/2022

Haripur, Pakistan

Achievements/Tasks

- Worked on Hadoop based Big Data System for crime analysis, Developed Custom ETL in Django to handle Telecommunication Data.
- Developed and Deployed Machine Learning & Deep Learning Algorithms for Terrorism and crime analysis., FRS, ANPR
- Managed team of 5 people.

Contact : Farooq Akhtar - +92 (313) 5867049

Software Engineer

Jadoon Technologies (Pvt) Ltd

02/2019 - 05/2021

Pakistan

Achievements/Tasks

- Developed Web Applications in various frameworks like Laravel, React, and ASP.NET and Django.
- Developed and Deployed various mobile Applications like Deal Mart, G Janab Services, etc.

Contact : Mohsin Ali - +92 (331) 9345994

EDUCATION

MS Artificial Intelligence

Friedrich-Alexander-Universität (FAU)

10/2023 - Present

Erlangen-Nürnberg, Germany

Courses

- Machine Learning
- Deep Learning
- Data Science
- AI in Biomedical Engineering

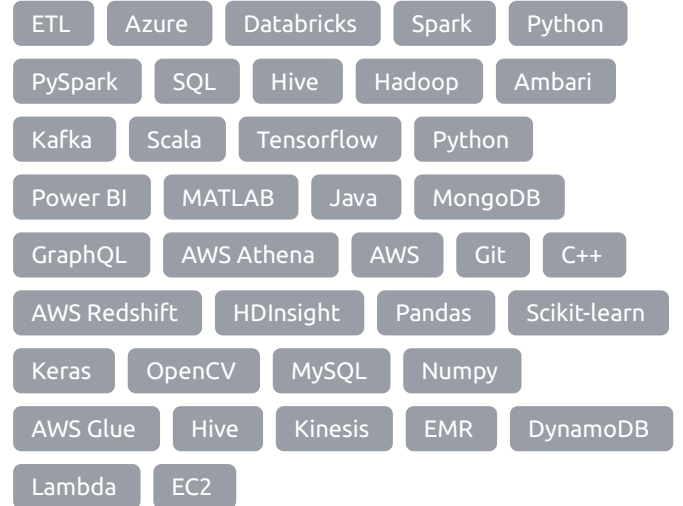
BS Software Engineering

The University of Haripur

09/2016 - 10/2020

CGPA: 3.98 out of 4

SKILLS



KEY PROJECTS

Criminal Investigation System (02/2022 - 04/2022)

- Extract Transform Load (ETL) system build in Django framework for Criminal Investigation System. Cluster Management using Ambari
- Created Dashboards for visualizing Telco Data in Qlik Sense.

Crop Prediction Dashboard (04/2021 - 05/2021)

- Perform ETL on datasets of crop yield, average temperature, pesticides, and rainfall from kaggle in Azure DataBricks using Scala and Spark. Then Decision Tree model is trained using SparkML
- Created Interactive Dashboard in Power BI to visualize Data

Cow Diseases Prediction (11/2020 - 02/2021)

- Detection of Pink eye, foot & mouth disease, lumpy skin disease in cow both from camera/images and from symptoms
- Deployment in the form of React Native App for both android & ios

Detection of Osteoarthritis in Knee using ResNet (01/2020 - 05/2020)

- Trained ResNet model to detect Osteoarthritis in MATLAB

Brain Tumor Detection (11/2021 - 03/2022)

- Trained a custom CNN model on CT scan images and deployed it in a Django based web app.

ACHIEVEMENTS

Gold Medal - University of Haripur

Won IGNITE Funding for Final Year Project (2020)

Ministry of Information Technology (MOIT), Pakistan

POF Merit Based Scholarship (2017 - 2018)

Pakistan Ordinance Factory, Wah Cantt

HEC Merit Based Scholarship (2016 - 2017)

The University of Haripur