

Mahnoor Shahid

Data Analytics | JS Developer | UX Designer |
Machine Learning

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Software Engineer with 2+ years of experience in User-Experience Designing, Front-End Development along with Data Analytics, and Machine Learning. Have proven experience in sourcing, analyzing, and interpreting processed data into interactive visual reports and dashboards for various clients. Strong expertise in developing ETLs. Adept at furnishing insights, analytics, and business intelligence needed to guide decisions, aiming at data warehousing, and data modeling. Have proficient knowledge in probability, statistics, data analysis, machine learning, and data visualization.

EXPERTISE

Python R SQL Tableau Power BI Google Analytics HTML CSS JavaScript AngularJS
Scala Machine Learning Algorithms Dashboard Development Data Analysis ETL Development BI
Data Warehousing Statistics & Probability Data Visualization Data Modeling Research and Reports

WORK EXPERIENCE

User Experience Designer

Techlogix, Karachi

01/2018 – 10/2018

- Provided UX Design Solutions for 6 projects using a variety of tools including Justinmind, Adobe Photoshop, Adobe Illustrator, and Invision Studio; achieving core business objectives with innovative and user-friendly UX.

JS Developer

Techlogix, Karachi

11/2018 – 10/2019

- Worked as a Front End Developer on an organized and structured product TLX - Mobility, based on the AngularJS framework. Developed a claim management system for Unilever thread. Delivered several enhancements and an interactive UI tour for the management portal. Have done code optimization and bugs fixing.

Data Analyst

Techlogix, Karachi

11/2019 – Present

- Dashboard Development: Generated advanced and interactive Power BI dashboards with global filters, parameters, and calculated fields. Connecting to data sources, importing data, and transforming data for BI purposes. Deployed and supported security by setting user roles, while preparing documentation.
- Reporting: Analyzing and comparing data using KPIs of each domain and notifying the highlights.
- Data Analysis: Performed Data Extraction, Data Transformation, Data Manipulation, and Data Cleaning on large datasets using R and Python. Performed Statistical Analysis for reporting and decision-making.
- ETL Development: Responsible for designing and implementing ETL processes. Performed loading data into and SQL Server.
- Research: Gaining an understanding from available data sets and determining objectives by studying the targeted business system. Gathering information, evaluating output requirements and formats.
- Machine Learning: Experienced in creating data regression models. Research and implement appropriate ML algorithms and tools. Run machine learning tests and experiments. Perform statistical analysis and fine-tuning using test results
- Performance & Maintainance: Perform daily, weekly and monthly reviews and analyses of current processes using operational metrics and reports. Perform code reviews, help define architecture through constant improvement. to optimize/identify features in existing data sources.

EDUCATION

Bachelors in Computer Science & Information Technology

NED University of Engineering & Technology (3.51/4.00 CGPA)

01/2014 – 12/2017

- Excelled in Artificial Intelligence & Expert Systems
- Exposures to studies like Discrete Mathematics, Linear Algebra, Numerical Methods, and Statistics.
- Achieved premium grade in Data Warehousing
- Scored Highest in Compiler Design and Computer Modeling & Simulation

Higher Secondary School Certificate (HSSC) - Pre Engineering

BAMM PECHS Girls Govt. College (A-Grade)

2011 – 2013

Secondary School Certificate (SSC) - Science Group

The Educators, Shadman Town Campus (A-1 Grade)

2009 – 2011

TECHNICAL SKILLS

Languages	R, Python, Scala, SQL, MATLAB, Julia, C, C++
Front End Development	HTML, CSS, SCSS, JavaScript, JQuery, KendoGrid, AngularJS, Bootstrap, Material Design, AJAX
Desktop Applications	Tableau, Power BI, Power Query, QlikView, Erwin Data Modeler, PyCharm, Visual Studio, Jupyter Notebook, Spyder, RStudio, Watson Studio
Machine Learning	Supervised/ Unsupervised Learning, Linear Classifiers, Tree-Based Models, Cluster Analysis, Time Series, Feature Engineering, NLP, TensorFlow, Deep Learning with Keras, Image Processing, PySpark
Data Analytics	SSRS, SSIS, SSAS, Google Analytics, Data Studio, Amazon Web Services
MS Office Suite	MS Word, MS Excel, Ms Powerpoint
Big Data Frameworks	Hadoop, Apache Spark
Databases	SQL Server, MySQL, PostgreSQL, MongoDB

SOFT SKILLS

Time Management

Creativity

Teamwork

Presentation

Problem Solving

Storytelling

CERTIFICATES

Machine Learning (06/2020)

STANFORD UNIVERSITY

Building Conversational Experiences with Dialogflow (05/2020)

GOOGLECLOUD - COURSERA

Data Analyst with Python Track (04/2020)

DATA CAMP

Google Analytics for Power Users (03/2020)

GOOGLE

Data Science Foundations Level 2 (11/2019)

IBM

Business Analytics & Intelligence (04/2020)

AMITY FUTURE ACADEMY

Machine Learning Scientist with Python Track (05/2020)

DATA CAMP

Introduction to Data Studio (04/2020)

GOOGLE

The Complete Python 3 Course: Beginner to Advanced! (03/2020)

UDEMY

Machine Learning Guide: Learn Machine Learning Algorithms (10/2019)

UDEMY