

Danyal Ali Asghar

linkedin/danyal-aliasghar
github.com/DanyalAliAsghar

+92-333-7894331
danyal.aliasghar@gmail.com

Professional Summary

A technology worshipper who is eager to learn and prepared for challenges by being flexible and efficient, both as part of a team and independently, to achieve a set of goals which will help in being recognized as a leading individual in providing specialized services to organizations and individuals across the globe with hard work, dedication and team spirit. I'm interested in everything related to data, Artificial Intelligence, and Machine Learning. Although, I'm open to work as a developer on various stacks and technologies showcased via my current job role.

Work Experience

▪ EY Ford Rhodes – Islamabad (Short-term Contract) 04/2021 – 06/2021

Data Visualizer | Power BI Developer

Responsibilities:

- Understand business requirements and design data models to transform raw data into meaningful insights.
- Perform DAX queries and functions in Power BI.
- Building Analysis Services reporting models.
- Developing visual reports, dashboards and KPI scorecards using Power BI desktop.
- **Tech Stack:** Power BI, Excel, Python.

▪ Web Projects Sdn Bhd – Islamabad 03/2020 – 03/2021

Front End Developer → Riyadh-ul-Jannah

Full Stack Developer → N41

Responsibilities:

- Developing modules, JS applications with ReactJS.
- Developing back-end APIs.
- Debugging and testing back-end APIs.
- Studying existing systems - Transforming existing systems to new ones.
- Working with PostgreSQL, and MySQL.
- Experience building Laravel applications.
- Experience in using modern build tool chains and package managers (webpack, npm, and yarn.)
- Experience developing modern responsive web applications with HTML, CSS, Material UI.
- Experience working in agile environments with tools like Git, Bitbucket.
- Contributed actively in daily standups, retrospectives, and sprint planning.
- **Tech Stack:** HTML, CSS, JavaScript, Laravel, ReactJS, PostgreSQL, Git, Bitbucket, AWS EC2.

▪ Vizz Web Solutions – Islamabad 01/2019 – 02/2020

Data Analyst → DigieBot

Responsibilities:

- Working with REST APIs and scrapping the web to extract data. (Tweepy, Telethon, GoogleNewsAPI)
- Perform sentiment analysis on the extracted data stored in MongoDB. (TextBlob, VaderSentiment)

- Experience converting NodeJS scripts to Python.
- Performed CRUD operations in MongoDB. (PyMongo)
- Experience in using modern build tool chains and package managers (conda, pip)
- Automated the execution of Python scripts for data fetching, sentiment analysis, and data storage scripts on per-minute basis using the cron-terminal, Python schedule package, and pm2.
- Experience working in agile environments with tools like Git.
- Performed 75% code reduction in prior scripts.
- Code review with peers.
- **Tech Stack:** Python, Flask, NodeJS, Git, PM2, AWS.

Education

- Data Science AI Nafi | 2020 – 2021
- Artificial Intelligence PIAIC, Islamabad | 2019 – To date
- Bachelor of Science in Computer Science COMSATS University Islamabad | 2014 - 2018
- A-Level TCS | PAF Chapter, Karachi | 2011 - 2013
- O-Level IQRA Army Public School, Quetta | 2009 - 2011

Certifications

- Power BI Essential Training | LinkedIn Learning | July, 2020
- Python Code Challenges | LinkedIn Learning | June, 2020
- AI For Everyone | Andrew NG | deeplearning.ai | Coursera | July, 2019
- Coronavirus – What you need to know | Alison | March, 2020
- Top 10 Worst Tableau Designer Mistakes and How to Avoid Them | Udemy | March, 2020
- Using Python to Access Web Data | University of Michigan | Coursera | June, 2020
- Learning How to Learn | McMaster University | Coursera | November, 2020
- The Missing Semester | Zeeshan Usmani | AI Nafi | February, 2021

Skills

- **Programming Languages:** *Python, C, C++, Java*
- **Databases:** *MongoDB, PostgreSQL, MySQL, SQLite*
- **ML/DS/AI Toolkit:** *Jupyter Notebook/Lab, Pandas, SciKit-Learn, NumPy, SciPy, Dash, Matplotlib, TextBlob, VaderSentiment, Selenium, BeautifulSoup, Scrapy*
- **Web Technologies:** *HTML, CSS, JavaScript, ReactJS, NodeJS, Laravel, Flutter*
- **Operating Systems:** *Windows & Linux*
- **DevOps:** *AWS, Jira*
- **Data Visualization:** *Power BI, Tableau*
- **Version Control:** *Git, Bitbucket*