

Danyal Ali Asghar

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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

▪ **dinCloud – Islamabad**

07/2021 – Present

Senior Python Developer

Responsibilities:

- Implemented MVC architecture in developing the web application with the help of Django framework.
- Develop consumer-based features and applications using Python, Django, HTML, behaviour Driven Development (BDD) and pair-based programming.
- Developed entire frontend and backend modules using Python on Django Web Framework.
- Implemented the SDK for Azure in Python for connection between dinManage portal and Azure.
- Fine-tuned and maintained database with respect to specific behaviors.
- Involved in build and Azure deployment of Fuction Apps as API services to communicate with the database.
- Experience working in agile environments with tools like Git.
- Code review with peers.
- Tech Stack: Python, Django, MySQL, AWS EC2, Azure, Git.

▪ **EY Ford Rhodes – Islamabad (Short-term Contract)**

04/2021 – 06/2021

Data Visualizer | Power BI Developer

Responsibilities:

- Integrated custom visuals based on business requirements using Power BI desktop.
- Provided continued maintenance and development of bug fixes for the existing and new Power BI Reports.
- Scheduled Automatic refresh and scheduling refresh in Power BI service.
- Developed custom calculated measures using DAX in Power BI to satisfy business needs.
- Developed multiple dashboards, analytical reports, KPIs, and interactive reports based on business requirements.
- Worked on all types of transformations that are available in the query editor.
- Tech Stack: Power BI, Excel, Python.

▪ **Web Projects Sdn Bhd – Islamabad**

03/2020 – 03/2021

Full Stack Developer

Responsibilities:

- Developing modules, JS applications with ReactJS.
- Developing, debugging and testing back-end APIs.

- Experience in using modern build toolchains 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 to daily standups, retrospectives, and sprint planning.
- **Tech Stack:** HTML, CSS, JavaScript, ReactJS, PostgreSQL, Git, Bitbucket, AWS EC2, AWS S3.

▪ Vizz Web Solutions – Islamabad

01/2019 – 02/2020

Data Analyst

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.
- Performed 75% code reduction in prior scripts.
- **Tech Stack:** Python, Flask, NodeJS, Git, MongoDB, 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 - 2019
- 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, PyTest
- **Web Technologies:** HTML, CSS, JavaScript, ReactJS, NodeJS, Django, Flask
- **Operating Systems:** Windows & Linux
- **DevOps:** AWS S3, AWS EC2, Jira, Kubernetes
- **Data Visualization:** Power BI, Tableau
- **Version Control:** Git, Bitbucket