

Abdullah Shah

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PROFESSIONAL SUMMARY

Experienced data scientist with a Professional Certificate in Data Science from **Purdue University/Simplilearn**. Skilled in Python, SQL, machine learning, and data analysis. Passionate about solving real-world problems with data-driven insights and continuous innovation.

CERTIFICATION

PURDUE UNIVERSITY/ SIMPLILEARN

Professional Certificate in Data Science

[Certificate](#)

May 2022-Mar 2023

EXPERIENCE

BRISTLECONE IND.

Bangalore, India

Consultant (Data Science and Analytics):

- Played a pivotal role in 'doc.ai' migration from AWS to GCP. Developed cloud functions/APIs, tested with Postman, and utilized Flask API for offline testing. Leveraged Google Cloud's Document AI model and AWS Textract as OCR backend.
- Contributed over 50,000 lines of code to enhance functionality and efficiency to doc.ai, while successfully handling more than 10 Proof of Concepts (POCs).
- Managed the Grapes Price Prediction project, monitoring volume tracking from major exporters. Developed weekly price and volume prediction models (3-5 weeks ahead) incorporating historical data and transit time assumptions, and analyzed stock versus demand dynamics for India's grapes production.
- Utilized forecasting models like ARIMA, implemented in R, to enhance accuracy and efficiency in predicting grape prices and volumes for export markets.
- Led the development of a sustainability optimizer for the 'Carbon Footprint Optimizer - E360' project using Python's PULP library and SQL. Also created Python model for sustainable business insights.
- Contributed significantly to the ML-based Time Series Forecasting project, resulting in a 40% increase in demand forecast accuracy.

Associate Consultant (SAP Emerging Technologies):

- Executed SAP IBP - CI DS Implementation and provided support for enterprise-level projects for one of the world's largest printer manufacturers, enhancing operational efficiency.
- Led the development of Master Data Interfaces / Transaction Data Interfaces for multinational projects using SAP CI-DS.

PERSONAL DEVELOPMENT

PURDUE UNIVERSITY/ SIMPLILEARN

- Completed Professional Certification Program in Data Science (PCP DS), executing critical projects.
- Streamlined model training with feature engineering; developed an ML algorithm for cardiovascular disease detection; utilized Tableau for a comparative study of countries.

UNIVERSITY OF KASHMIR

- Project: Using novel Convolutional Neural Network and 2D Slice Level Approach for Detecting Alzheimer's Disease in Early Stages (Paper accepted by **IJMEI journal**, soon to be published)

Noida, India

DUCAT

Trainee

Jan 2020 – Feb 2020

- 2-month industrial training at DUCAT: PHP, JavaScript; Built newspaper website: PHP, Bootstrap, JS, HTML.

EDUCATION

UNIVERSITY OF KASHMIR

B. Tech, Computer Science and Engineering.

Srinagar, India

Sep 2017-Dec 2021

SKILLS & INTERESTS

Tech Stack:

Programming: Python, R, C, C++, SQL, HTML, LaTeX

Machine Learning: Scikit-Learn, Pandas, NumPy, SciPy, PULP Optimizer

Deep Learning: Keras/TensorFlow, Fast.ai, Convolutional Neural Networks, Transfer Learning

Cloud Platforms: Google Cloud Platform, Amazon Web Services, MS Azure, SAP HANA Cloud Platform

Storage: Google Cloud Storage, AWS Buckets, GitHub, Docker

Database: MySQL, PGAdmin

Web Development: Flask

Visualization: Microsoft Power BI, Tableau, SAP Analytics Cloud, Matplotlib

SAP Technologies: Conversational AI, CI-DS, IBP, BWONHANA, BW4HANA, ECC

Others: Git, MS Excel

Language: English – Full professional proficiency, Hindi – Fluent, Urdu – Fluent, Kashmiri – Native.

Interests: Trekking, Camping, Cricket, Mobile gaming, social media.