

Shadab Hussain

Data Scientist

A full-stack data scientist with around 3 years of experience in Analytics and building end-to-end ml pipelines on cloud using the AGILE framework for a client in Fortune 5

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shadabhussain.com/ 🌐

linkedin.com/in/shadabhussain96 in

github.com/shadab-entrepreneur/DataScience 🐙

medium.com/@shadab.hussain01 📝

WORK EXPERIENCE

Associate Data Scientist

The Math Co. 🌐

10/2019 - Present

Bangalore, IN

- Developed insights module to explain the ML models built
- Built a contextual AI product to automate and prototype ML workflow for a tech giant in retail industry
- Having hands on experience in building recommendation engine, Churn, Acquisition, and CLTR model
- Built a humanoid chatbot which was consumed as a Virtual Data Scientist with features like Visualization Decision Engine, Domain Capability, etc

Data Scientist

Proven Consult 🌐

05/2019 - 09/2019

Bangalore, IN

- Worked on enhancing image quality on top of OCR Space engine to generate multiple insights
- Automated data processing from multiple sources on their RPA tool
- Built a pipeline to convert unstructured data into a structured format for analysis for a logistics client

Consultant

Pluralsight 🌐

12/2018 - 04/2019

Remote

- Developed and Reviewed blueprints and questions for Data Science and Machine Learning Assessments available on the Pluralsight portal

Systems Engineer

Infosys Ltd. 🌐

12/2017 - 05/2019

Mysore, IN

- Worked on automating machine learning certification platform which is used by 3L+ Infosys employees internally
- Built a sales forecasting model for the next three months
- Built a DL model using ResNet50 architecture on Flickr8K dataset for generating captions of any input image.

EDUCATION

Post Graduate Diploma in Data Science

IIIT-Bangalore

09/2018 - 09/2019

Bangalore, IN

Bachelor of Technology- Computer Science

United Institute of Technology

07/2013 - 06/2017

Allahabad, IN

SKILLS

Python

SQL

Machine Learning

Data Analysis

R

NLP

Deep Learning

SHAP

Tableau

Flask

AWS (Lambda, S3, EC2, RDS, Sagemaker)

Google APIs

Selenium

PySpark

Docker

MLFlow

Papermill

PERSONAL PROJECTS

Funding Management

- Designed a machine learning model via PCA & Clustering to identify the cluster of countries which needs funding for development

NYC Taxi Company

- Worked with BIG Data Analysis to enhance data of the trip information

Telecom Churn

- Designed a machine learning model via Tree Models to predict the Telecom churn and identify the customers who may leave the network

Beer Recommendation Engine

- Built a recommendation engine using collaborative filtering for recommending top liked beer for a particular customer

PUBLICATIONS

Assessment of Interpolation Methods for Solving the Real-Life Problem by Shadab Hussain, Vivek Srivastav, Srinivasarao Thota (2014) 🌐

International Conference on Mathematical Science and Applications

Quadratically Convergent Algorithm for Computing Real Root of Non-Linear Transcendental Functions by Shadab Hussain, Vivek Srivastav, Srinivasarao Thota, Sheeza Hafeez (2014)

National Conference on Applications of Mathematical and Engineering Sciences

A new Proposed Numerical Algorithm for Computing Real Root of Functions by Shadab Hussain, Vivek Srivastav, Srinivasarao Thota (2015)

National Conference on Emerging Trends in Physics of Fluids & Solids

LANGUAGES

English

Full Professional Proficiency

German

Elementary Proficiency

TALKS/ACHIEVEMENTS

Python for Data Science at Electronics For You Conference, Bangalore in 2019

Tweet-Driven MozFest-Storytelling at Mozilla Festival, London in 2018

First winner in Open Source on Azure Hackathon organized by Microsoft & Govt. of Telangana at Hyderabad in 2016