AKANSHA

CONTACT

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SKILLS

- Good Knowledge of **Python** data analysis toolkit (jupyter notebooks, numpy, pandas, matplotlib, plotly,scikit-learn etc.).
- Knowledge of **PySpark, MATLAB, R, SQL.**
- Knowledge of **API,IBM Watson, Google Analytics, Octave.**
- Exposure to **Data Visualization, Data Warehouse, Data Analysis, Web scraping, Hadoop-MapReduce, Data wrangling, Data mining, Machine Learning.**
- Experience with BI tools like **Tableau.**
- Exposure to **data science techniques** (**supervised and unsupervised machine learning algorithms, time series analysis, outlier detection**).
- Solid understanding of basic **statistics fundamentals** and applications (such as designing and interpreting A/B tests, cohort analysis, t-tests, z-tests, hypothesis etc.).
- Practical experience using Linus/Unix, Windows,Database management.
- I have good experience with MS-Access tools:**MS-Excel,MS PowerPoint.**
- Ability and passionate to quickly learn new concepts, cutting-edge technologies and finding applicable business cases as needed.
- **Configuration** and **Troubleshooting** on multi-vendor cell site routers: Cisco, ALU, Ericsson and Juniper.
- **IP Fundamentals** and **networking protocols**.

PROFESSIONAL SUMMARY

Seeking a Data Scientist position, experienced in identifying opportunities and strategising methods for improvement. Detail-oriented, methodical and enterprising with strong focus on devising and running effective processes. Proficient in working with vast data sets to break down information and gather relevant points using Python and R.
Offering 3 years of experience in improving business operations.

WORK HISTORY

Data Science Intern, 08/2020 to Current
Digital Bucket Company - London
- Initiate and manage execution of own big data use case (depending on qualifications)
- Build machine learning models that help retailers to address customers preferences.
- Support and improve daily team processes such as development of presentations and training materials.

Crew Member, 08/2020 to Current
Auntie Annes's - London, Part-time
- Demonstrating skills such as team player, hard working & reliable along with excellent customer service skills by working on opening and closing the store, managing the till, preparing baked goods and beverages.

Junior Machine Learning Engineer, 07/2020 to Current
Omdena - Part-time
Our goal is to detect rooftops via satellite images to identify the features that are crucial for solar panel installments. The developed solutions could significantly help to facilitate solar energy adoption.
Working to build a deployable solution for a real-world challenge, in record time.

Technology Internship Experience UK, 06/2020 to 07/2020
Bright Network
Technology Internship Experience
- Skills sessions delivered by world-renowned companies : Google, Amazon, Bloomberg , Accenture, Goldman Sachs, Vodafone and more.
- Implementing solutions to solve sector-based problems.
- Working on project which simulate real-life problems.

Customer Support Executive, 10/2019 to 06/2020
Domino's - Egham,SRY, Part-time
- Demonstrating hard work and hospitality while interacting with customers, team and managers.
- Stick to routines and focus on keeping a clean workspace after certain tasks that gets completed.
- Working on making pizzas, filling out specific orders and completing cash transactions with customers that come to pick up food orders.

Software Engineering Virtual Experience, 06/2020 to 06/2020
JPMorgan Chase & Co.
- Establishing Financial Data Feeds. Skills obtained: Python, git.

- Frontend Web Development. Skills obtained: React, WebApplications.
- Data Visualization with Perspective. Skills obtained: Financial Analysis.

Data Science Virtual Internship , 05/2020 to 06/2020
KPMG UK - Online
- Assessment of data quality and completeness in preparation for analysis. Skills obtained: Data Quality Analysis.
- Targeting high-value customers based on customer demographics and attributes.Skills obtained: Python.Customer segmentation, Data Driven Presentations.
- Using visualisations to present insights.Skills obtained: Tableau, Data Visualisation.

Assistant Engineer, 08/2016 to 07/2019
Ericsson India Global Services Pvt. Ltd. - Noida, UP
- 3 year of Quality experience in Networking operations & maintenance to developed in-depth expertise in the implementation, configuration and installation of wireless routers of multi vendors: Cisco, ALU, Ericsson, Juniper and Ciena switches, troubleshooting and documentation of network systems.
- Training technicians and newcomers in quality and troubleshooting.

Trainee, 02/2016 to 05/2016
Defence Research and Development Organisation - Pune, MH
- Interfacing of joystick using Arduino board to control the movement and positioning of robotic platform with 3D FVP cameras and googles used for robotic vision.

EDUCATION

Master of Science: Data Science and Analytics, 2020
Royal Holloway,University of London
- Distinction Expected.
- Coursework includes: Data Analysis, SQL, Machine Learning, Databases, Large scale data storage and processing, Ethics in advanced computing, Computation using Python & R, MATLAB, Business Intelligence, Visualization .

Bachelor of Technology: Electronics and communication engineering, 2016
Maharshi Dayanand University
- Secured an aggregate of 72%.
- Study of communication such as design, digital electronics, fundamental of Electronics engineering, signal & systems, electronic circuits, VLSI, computer architecture and control systems, Digital Signal Processing, Analogue Electronic Circuits, Microcontrollers, Problem solving using C.

CBSE: 2012
Holy Child Auxilium School - New Delhi, DL
- XII - Secured an aggregate of 70%.
- X - Secured an aggregate of 84%.

CERTIFICATIONS

- Certification in **Data Analysis with Python**, authorized by IBM.Credential ID: MSYUW6JQWQUZ, No Expiry.
- Certification in **Python for Data Science and Analytics,** authorized by IBM. Credential ID: 6YJ2PGSQ842S, No Expiry.
- Certification in **Visualizing Citibike Trips with Tableau,** on Coursera. Credential ID: DN9L59XUHWH7, No Expiry.
- **CCNA Routing and Switching (200-125)**, Cisco ID: CSCO13361894 (Issue Date: September 22, 2018 and Expiration Date: September 22, 2021)

• **Ericsson Technology Exam – IP (ECP-106)**. (Issue Date: July 24, 2017/No Expiration Date)
• **Certificate of Appreciation in Configuration of Routers for Sprint (US)**

PROJECTS

• **Machine Learning**: Predicting numbers with Neural network using Keras, Implementation of algorithms for Nearest neighbors for classification and Lasso in Python.
• **Data Analysis**: Implementation of algorithms for Linear regression, Ridge Regression, Decision stumps, Logistic regression, Hierarchical agglomerative clustering, K-means clustering etc. in R.
• **MATLAB**: Implementation of algorithm for K-means clustering, TF-IDF, PCA, PCAfaces etc.
• **Data Visualisation**: Data pre-processing using R and visualise the pre-processed data.
• **Large scale data storage and Processing:** Email extraction and creating a weighted network using PySpark.
• **Web Scraping:** Collecting data from a webpage and cleaning data as per requirement and store it in excel using Python.