Ashish Gopal

DATA SCIENTIST

PROFILE SUMMARY 📖

More than 6 years of hands-on experience across domains in Data Science and delivering valuable insights via data analytics using predictive modeling, data processing, and data mining algorithms to solve challenging business problems. Passionate about machine learning and gleaning insightful information from massive data assets, and developing a culture of sound, data-driven decision making.

PERSONAL DETAILS 📌

Birth date
14-April-93

Nationality
Indian

Current Location
Bangalore, India

CONTACT 📱

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PROFESSIONAL EXPERIENCE 🔲

Data Scientist
BLP INDUSTRY.AI   May 2019 - Present

> Responsible for high-quality design, execution, and deliver analytical studies, extracting and utilizing data from multiple sources to identify and solve business challenges and also to give real-time prediction leveraging machine learning algorithms by utilizing structured and unstructured data in a distributed big data environment.
> Current Domain of Work: **IoT/BigData** & Renewable industry(Solar and Wind)
> Worked extensively in the Development of large Projects with complete END to END participation in all areas starting from requirement gathering from clients to set up the pipeline for data fetch, data transformation, building up relevant models, data processing/transforming, storing the results, deploying the models, and finally designing the visualization dashboard to be shown to the client.
> Built end to end platforms for renewable energy farms' maintenance by extensive root cause analysis and using various **ML algorithms**.
> Developed various models for the KPIs of Solar and Wind Farms, which would detect the overall health of all assets and point out the issue at a very granular level.
> Built several ML algorithms for **Failure Prediction** of machines, and their components.
> Worked on the **Soiling issue** of solar farms as well as **Anomaly detection** for both Solar and Wind farms.

Data Engineer
GE DIGITAL   June 2018-Apr 2019

> Good exposure to data mining techniques like **Clustering and Principal Component Analysis**.
> Worked on prediction models using **Simple Linear Regression**, **Multiple Linear Regression**, **Logistic Regression Analysis**, and **Tree-Based Techniques**.
> Worked extensively in the Development of large Projects with complete END to END participation in all areas of the Software Development Life Cycle and maintain documentation.

Associate Consultant
SYNITI (FORMER BACKOFFICE ASSOCIATES)   Nov 2016 - May 2018

> Experience in **Data Warehouse** development and Extraction/Transformation/Loading (**ETL**) using DSP and Microsoft **SQL** Server RDMS.
> Proficient in the coding of optimized SQL batch processing scripts for data transformation, aggregation, and load. Familiar with SQL extensively by using Joins, Sub Queries, Set Operations, Procedures, etc.

Project Engineer
WIPRO LTD.   Nov 2014 - Oct 2016

Responsible for data migration and conversion activities such as extracting, transforming, migrating, validating, and reconciliation of data.

EDUCATION 🎓

B.Tech (Electronics and Communication)
UTTARAKHAND TECHNICAL UNIVERSITY (77.82%)   2010-2014

TECHNICAL SKILLS 🎯

Skill	Skill
Python(Streamlit, Bokeh)	Machine Learning
MS SQL Server, InfluxDB	Grafana & PowerBI
Hadoop, Hive, BigTable	Django, HTML, CSS

MOST PROUD OF 🚀

Created and hosted my own Data Science Life cycle website (http://ashishgopal1414.pythonanywhere.com)
Python is the core of this website. It has been loaded with all the features of a Data Science life cycle. It can do **Data Analysis**, **Data Pre-Processing**, **Data Transformation** and can create on the fly **Supervised Machine Learning Models** which can be used to predict unseen data. Finally, it shows beautiful **interactive dashboards** as well. It has login/logout, users, groups, and admin features as well. It was made using the following technologies: Python, Django Framework, HTML, CSS, and SQL.

AWARDS & CERTIFICATES 🏆

STAR Award
by BLP Industry.AI
June 2020

Certified Data Scientist
by Datacamp
May 2020

Professional Certificate in Data Science
by IBM
Aug 2020