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📍 Bengaluru, IN

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Abhishek S Hegde
Analytics Consultant [Data Scientist]

TECHNICAL SKILLS

Data Science
Python3, R, RShiny, Machine Learning, Deep Learning, SQL, HiveQL, AWS EMR, Azure ML, Flask, Tableau, Power BI.
Web Development
HTML5, CSS3, JS, jQuery, AJAX, PHP, SharePoint
Programming Expertise
5 Star - HackerRank
Proficient in: C , C++ , Python
Familiar with : JAVA , C#, R
OS: macOS ,Windows, Linux

COURSEWORK

• Data Structures & Algorithms
• DBMS • OOP • SQL
• Operations Research
• Exploratory Data Analysis
• Business Intelligence
• Statistical Modeling
• Machine Learning
• Deep Learning
• Research Methodologies

ACCOLADES

Supervised SCaLAthon Awardee - *Winner* (Hackathon on Supervised ML - Loan Default Prediction to reduce NPAs in banking)
&
Time Series SCaLAthon Awardee - *Winner* (Hackathon on Time Series Analytics - Volume Sales Forecasting).
by BRIDGEi2i

Pratyaksh Data Visualization Contest - *Winner* (Nationwide Contest on Business Visualization - Done in Tableau)
by GIM - Parigyan & Course5i

Academic Star Awardee - For demonstrating relentless hard work& setting new benchmarks for discipline
by IIITB

PROFESSIONAL EXPERIENCE

Analytics Consultant - Data Scientist [Retail]
Jan '22 - Present

Business Analyst [Consumer R&D]
Jul '21 - Dec '21

BRIDGEi2i (part of Accenture AI)
Bengaluru, IN

ML Web-App Development
- Developing production-grade reactive ML web applications using **Plotly Dash, Flask** & **RShiny** as part of the Consumer Products **(CPG)** team
- Performed **R&D for predictive modelling** and achieved a mean of **15% better** metric scores over existing methodologies
- Certified as **'Expert'** in **Structured ML, PySpark, AzureML** and **Python** by Team SCaLA (training & upskilling initiative @Bi2i) , won 2 hackathons.
- Also working on **Clustering** of Retail Stores for targeting discounting strategy and **recommending** stock inventory.
- Worked on **process** and **memory optimization** for Market Mix Modelling.

Software Engineer
Aug '20 - Jul '21

Micro Focus Intl.
Bengaluru, IN

- Collaborated with the CIFS/AFP **protocols team** of Open Enterprise Server (OES) product as part of the File & Networking group
- Effectuated **strategic execution** of **test plans** and administered test management
- Performed **defect reporting & tracking**, and follow-ups with development & business teams

EDUCATION

Master of Science - MS, Data Science
May '20 - Present

Liverpool John Moores University

Post Graduate Diploma - PG, Data Science
May '20 - May '21

IIIT Bengaluru
3.95 / 4

Bachelor of Engineering - BE, Information Science
Aug '16 - Aug '20

Sir MVIT Bengaluru
8.53 / 10

KEY PROJECTS

Advanced Regression Techniques for House Price Prediction | *IIITB*
- Approach: Built a regression model using techniques like Iterative Imputation and BoxCox Transformation for data wrangling; **Ridge & Lasso Regularization** for modelling in order to predict the values of the prospective properties and decide whether to invest in them or not.
- Key Results: Achieved **0.11 test RMSE.**

Autonomous Driving Simulator | *BE Capstone Project*
- Approach: Developed a **Flask** based self-driving AI using **CNN** and image processing using **OpenCV**.
- Tested on the **Udacity Simulator** to autonomously detect the appropriate steering angle, torque and braking based on dashboard cam input images