Shrikant Agrawal

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Seeking Data Scientist position while offering 4+ years of industry experience and Master's degree in Data Science. I believe in goal-oriented approach and I'm passionate about fields like Machine Learning, Cloud Computing and Statistics.

Profile Summary

- **Master of Data Science** from The University of Queensland, Australia.
- 4+ years of onsite and offshore experience with niche in **Data Warehousing and ETL technologies.**
- Holds good knowledge of Python dependencies like **Pandas, NumPy, TensorFlow and Matplotlib**.
- Experience with Machine learning techniques like **neural networks, statistical modelling, and data mining**.
- Instrumental in **Agile methodologies**, project management, team management and **troubleshooting**.
- **Deft in Knowledge transfer (KT),** communicating and teaching new concepts to the team members.
- **An effective communicator** with excellent interpersonal, logical thinking and analytical abilities.

Skills & competencies

IT Proficiency	:	Oracle SQL | Python | R | PySpark
Exposure to tools	:	Tableau | Jupyter | Informatica | Jira | HP – ALM | Git |
Software Libraries	:	Tensorflow with Keras |Pandas | Numpy | SkLearn | Matplotlib
Soft Skills	:	Design Thinking | Social Skills| Public Speaking| Presentation
Industry Knowledge	:	Project Planning | Team Management | Agile methodology
Others	:	Goal oriented | Troubleshooting | Good verbal and written communication

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Education

2020	**Master of Data Science, The University of Queensland, Australia | GPA: 9.4**
2015	**Bachelor of Technology (ECE), VIT University, Vellore, India | GPA: 7.98**
2011	**Higher Secondary, CBSE Board, Kota, India | Percentage: 84.2%**
2009	**Senior Secondary, CBSE Board, Mandsaur, India | Percentage: 82.3%**

Achievements and Recognitions

- **Dean's Commendation** for Academic Excellence, The University of Queensland, 2020.
- **Best project report:** Awarded for the subject Big Data Analytics, 2020.
- Recognised for **excellent supervision** of practical components of database courses **during Covid-19.**
- **Dean's Commendation** for Academic Excellence, The University of Queensland, 2019.
- **The Innovator:** Awarded for providing faster reconciliation solutions for data migration testing, 2017.
- **Best Performer:** Awarded for superior performance in Q3 '17.

Career

General Manager, M.P. Agro Chemicals, Mandsaur (M.P.)   April '21 – Present

Improving efficiency and increasing profits while managing the overall operations of the company. Streamlining the overall manufacturing and operations by digitization of purchasing, inventory, and sales.

Data Science Intern, Biarri Optimisation, Brisbane, Australia   Feb '20 – Nov '20

Project: "To make more money by giving away for free!"
We proposed a novel process to identify the true value of an item based on its popularity in sales. The project has identified a new process to quantify **Data Mining approaches using Cooperative Game Theory.**

Teaching Assistant, The University of Queensland, Au.   July '19 – Nov '20

Best way to master something is to reciprocate the knowledge gained. I have **supervised the practical components of database** related courses in The University of Queensland.

QA Analyst, Infosys Ltd, Pune, India   July '15 – Jan '19

Project: Quality Assured Data Migration of Risk Data   **Client: Deutsche Bank Group**
The project provided data warehousing solution to quarterly migration of risk data from multiple sources. Tools like **Informatica, Hadoop cloud computing and Oracle SQL** were implemented along with Unix shell scripting for file handling.

Project: Landing Pad: A Name Screening Platform   **Client: HSBC**
The project was initiated to create a name screening filter to flag the customers based on business requirements.

Personal Info

Hobbies and Interests: Science - Fiction books/movies | Painting | Travel
Other details:
Permanent Address: Kailash Kunj, Gol Chouraha, Mandsaur (M.P.) – 458001
DOB: 4th February 1993

Projects List

1. Deep Fake: Face generator using DC-GAN.
2. Simulation study to identify how lucky you have to be to get selected in an interview process.
3. Gender classification from fingerprint analysis using transfer learning algorithms.
4. Studying the revenue contributed by key products in a retail outlet beyond their own sale using Cooperative Game Theory.
5. Improving text classification by incorporating agglomerative Data Clustering and Anti-Dictionary Corpus.
6. Discrete Event Simulations for Effective Planning and Execution of COVID -19 vaccination Processes.
7. Route planning and modelling of bus services using Time series analysis.
8. Understanding the evolution of language by big data analysis of Twitter data.
9. Improving Stock market forecasting by adding attention mechanism to recurrent neural networks.
10. Designing a high dimensional database for studying flora and fauna sightings in Queensland, Australia.
11. Route planning and modelling of bus services using Time series analysis.