Shubham Srivastava

+61-431519300

Shubhamsrivastava951@gmail.com
www.linkedin.com/in/shubhamsrivastava951
https://shubhamportfolio0211.netlify.app/

"To associate with a vibrant organization to fully utilize my skills, knowledge and contribute to the overall growth of the organization".

Education

S.No.	Degree
1.	• **Masters** in IT & IT Management with Major in Data Management & Analytics • **CWAM:** 70% • **The University of Sydney**, (Feb`2020 – Dec`2021)
2.	• **Bachelor's** in computer engineering with Specialisation in Mainframe Technology • **Percentage:** 67% • University of Petroleum & Energy Studies, Dehradun, India (2013-2017)
3	• Rani Laxmi Bai Senior Secondary School, Lucknow, India (2012) • **Percentage:** 78%
4	• Manas Sthali Public School, Bareilly, India • **CGPA:** 7.6

Skills And Abilities

The subject of Interest: Data Science, Visualisation & Database.

Technical Skills:
- **Programming Languages:** Python, R, SQL, C++.
- **Data Science Skills:** Machine Learning, Predictive Analytics, Data Cleaning, Modelling & Data Analysis, Deep Learning, NLP, Statistical Data Analysis, Computational Statistics & Tableau.
- **Deployment:** Netlify & Heroku.
- **Other Skills:** Git & Github, WordPress, Data Structures, HTML & CSS.

Interpersonal Skills
- **Quantitative Skills** demonstrated by excellence in subjects like Probability and Statistics.
- **Communication Skills** honed by dealing with project teammates during my masters at Usyd.
- **Teamwork** developed by participating and organizing fests like Ignite Techincal fest (UPES), Internship at Wipro & Smart Software, Capstone Projects as well as other projects/ Assignments.
- **Management Skills** refined by being a project manager as well as studied various management subjects & completed respective projects at Usyd.
- **Time Management Skills** honed by balancing academics, extra-curricular activities within the university as well as part-time jobs.
- **Leadership Skills** developed by opting for different Positions of Responsibility in my projects at Usyd.
- **Public Speaking Skills** displayed by giving the project's presentation.

Technical Work Experience

1. Wipro Pvt Limited – Intern   [June 16 – July 16]
- Ensured functionality & corrected before website launches.
- Networked and built a presence with peers to facilitate the testing of the website.
- Built reports and collaborated with a professional team to solve issues.

2. Smart Software testing Solutions- Intern   [Oct '17 – Jan'18]
- Worked as UI developer Coordinated with project teams on development timelines Determined business and functional requirements for business needs.

- Tested programs and made necessary modifications. Modified existing designs to meet unique need.

Research Papers

1. Evaluating Classification Techniques on different categories of datasets
Paper ID: IJSRDV6I20166   **Published In** Volume 6, Issue 2   **Published Date:** 01 May 2018

- Choosing a suitable classifier for a given problem has been a challenging task that typically requires experiments with different classification techniques.
- This paper addresses the question by investigating the relation& the variability that may exist between the data set and classifier bias using statistical analysis & the Machine Learning Algorithm.
- The research paper can be accessed at http://ijsrd.com/Article.php?manuscript=IJSRDV6I20166

2. A study on Consumer buying behavior towards Mobile Phones
Paper ID: IJSRDV7I60163 Published **In** Volume 7, Issue 6   **Published Date:** 01 Sept 2019

- This paper aims to analyze the factors that influence the consumer to purchase mobile phones.
- It studies the various determinants through which consumer buying decisions are influenced.
- The research paper can be accessed at http://ijsrd.com/Article.php?manuscript=IJSRDV7I60163

Academics Projects
- ### Technical

1. Analysis of wisconsin Breast Cancer   [APRIL`20]
- It is a classification dataset, which records the measurements for breast cancer cases.
  - **The focus of this project is to correctly predict the target class and improve it by checking the effectiveness of attributes using different ML algorithms such as Naïve Bayes, SVM, Random Forest, etc.**

2. Sentiment Analysis on Twitter data – NLP   [APRIL`21]
- For the project, I have used the NLTK's Twitter dataset. I have implemented a Twitter sentiment analysis model using RNN that helps to overcome the challenges of identifying the sentiments of the tweets

3. Computational Statistics in R   [OCT`21]
- The purpose of this task is to predict if the client will subscribe a term deposit from a Portuguese bank.

4. Stock Price Prediction using ML and DL models.   [NOV'21]
- This project uses Machine Learning & Deep learning LSTM model with attention in Python to estimate the stock value.
- Moreover, We have formulated our trading strategies to obtain the marke trends and to evaluate our trading strategies, we have implemented the backtesting and later we have tried improved the profits.

5. AI Guided Financial Trading (Capstone) .   [NOV'21]
- In this project, we anticipated studying the economic patterns by digging deep into the historical data and market reaction using the Technical indicators & trading strategies to predict the future direction of the markets.
- For this project **we have tried to implement the new concept of external attention with stack layers of CNN & LSTM for the predictrion of Forex Prices.**

6. Tableau
- **Analyzed US Cyber crime Attack dataset and Created a dashboard.**

7. Tableau Project
- **Analysing customer Churn Analytics**

8. Car price Prediction   [FEB`22]
- The focus of this project is to predict the selling price of Car based on the different ML algorithms.
- Deployed on Heruko: https://carsellingpricepredictions2022.herokuapp.com/

9. Cotton Disease Prediction   [FEB`22]
- The purpose of this project is to classify the cotton leaf diseases based on the Deep Learning models.
- Will be deployed on AWS EC2 instance.

10. Movie Recommendation   [MARCH`22]

- This project is a Content Based Recommender System recommends movies similar to the movie user likes and analyses the sentiments on the reviews given by the user for that movie.
- Deployed on heruko: https://moviesrecommend0211.herokuapp.com/

11. Rain Forecasting   [MARCH`22]

- The purpose of developing this app is to predict whether it will rain the next day or not. This model is based on the Rain Prediction in Australia dataset.
- Deployed on heruko : https://australiarainforecasting2022.herokuapp.com/

12. Health Care (Ongoing)

- The purpose of this project is to create a health care app which will help the users to predict their associated disease such as heart, malaria, covid etc based on the ML & DL models.
- Will be deployed on **AWS EC2 instance**.

13. Self Profile webpage (Data Science Portfolio)   [JAN`22]

- Created a self-designed webpage from scratch using HTML,CSS & JS in order to present my data science project Showcase.
- Deplyoed on Netlify: https://shubhamportfolio0211.netlify.app/

Management Projects

14. Project Management   [DEC`20]

- Developed an integrated AI-based model with an e-commerce platform for the better commercialisation of coal ash residuals between the consumers and the suppliers by adhering all the Constraints of PM.

15. IT Service Management   [DEC`20]

- This report had been recommended to the RADBANK bank to improve their efficiency and the effectiveness of its IT Services through Out Sourcing and the IT Service Management lifecycle concepts.

16. Nokia Revamp   [NOV`21]

- In this Project, we had assessed Nokia's situation back in the 1990s till their downfall. We had identified the reasons for their downfall & other external factors.
- Eventually, we had proposed a solution based on **IT Strategies** & **Values** that was completely based on the stakeholder's needs and requirements.

Certifications

- Udemy: Data Science Certification
- Udemy: Statistics for Data Science
- LinkedIn Tableau &SQL
- Edwisor.com: Data Science in Pyhton and R

- Udemy: Python
- Udemy: Tableau Data Analyst Certification
- LinkedIn: Data Analyst Certification
- Tableau Certified Data Analyst(Ongoing)

Achievements

- Participated in Ignite Technical Fest.
- Participated and won 1st prize in ARDUER event in UPES IGNITE

Interests

- Swimming
- Reading Novels & Poetries
- Watching TV series.
- Playing Cricket & Chess
- Cooking Indian cuisines

Languages Known

- English
- Hindi

Referees

- Available on request