
SHUBHAM SRIVASTAVA

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PROFESSIONAL SUMMARY

Hardworking graduate with an academic background in Data Analytics & Business Intelligence and internship experiences in Business & Data Analysis. Motivated to learn and apply learned competencies in a real-time setting. Seeking a work environment that supports professional and personal growth.

EDUCATION

- **Masters in IT And IT Management** **FEB 2020 – DEC 2021**
Major: Data Management and Analytics
University of Sydney, Sydney
CWAM: 69.2
- **Bachelors in CSE** **JULY 2013 – MAY 2017**
Major: Mainframe technology
University of Petroleum & Energy Studies - Dehradun
GPA: 67

SKILLS

- **Programming Languages:** Python, R, SQL, C++, OOPS.
- **Data Science Technical Skills:** Machine Learning, Predictive Analytics, Data Analysis, Deep Learning, NLP, Statistical Data Analysis, Statistics, Computational Statistics & Data Visualization (Tableau, Power BI & IBM Cognos).
- **Deployment:** Netlify & Heroku.
- **Other Technical Skills:** Git & GitHub, WordPress, Data Structures, HTML & CSS, Microsoft Excel.
- **Management Skills:** Project and Risk Management, IT Strategy and Knowledge Management, IT Service Management, Analytical Thinking, and Problem-Solving.

WORK HISTORY

1. **The University of Sydney** **July 2022 – Current**
Job Role: Tutor (IT Service Management - Postgraduate level)
Job Responsibilities
 - Coordinated lesson plans, course materials, and discussion questions to prepare for the session.
 - Course including teaching **ITIL Lifecycle, Internal & External Analysis, Portfolio Management, Change management, Service Operations & IT Governance.**
 - Helped students develop critical thinking skills and strong study habits to improve grades.
2. **Coles Supermarket** **March 2022-Current**
Job role: Senior Customer Service Representative
Job Responsibilities
 - Communicated **best practices** to team members, continuously helping to optimize standard operating procedures for responses to different concerns.
 - Restored satisfaction and loyalty in customers by Delivering high-quality service to customers
 - Defined problems and draw valid conclusions to build effective solutions for customers and staff.
3. **Ashita Business Solutions** **Aug 2018- March 2019**
Job Role: Business Analyst Intern.
Job Responsibilities

- **Requirement Analysis** and gathered the data from a variety of Sources.
- **Investigated and analyzed data sets to produce insights, reports, and strategic and tactical recommendations for change.**
- Predicted trends and patterns with attention to recruitment, and hiring practices based on the statistics.
- Based on metrics and analysis, clearly **communicated and recommended policies** and activities to improve the organizational culture.
- **Developed dashboards, reports, and visualizations to support client & Stakeholders' Objectives.**

4. Smart Software Testing Solutions- Intern

Oct 2017 – Jan 2018

Job role: UI Developer

Job Responsibilities

- Worked on **the front-end part and 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 a unique need.

5. Wipro Limited – College Intern

June 2016 – July 2016

Job role: College Intern

Job Responsibilities:

- Worked on IGRS Web Portal and 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.

RESEARCH PAPER

1. Evaluating Classification Techniques on different categories of datasets

May 2018

- 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 toward Mobile Phones

Sept 2019

- This paper aims to analyze the factors that influence the consumer to purchase mobile phones.
- The research paper can be accessed at <http://ijsrd.com/Article.php?manuscript=IJSRDV7I60163>

PROJECTS

Personal-Projects

1. Health-Care (On-going)

JULY 2022

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

2. Movie Recommendation

APRIL 2022

- This project is a **Content-Based Recommender System** that recommends movies to a user by using the similarity of movies and the System analyses the sentiments on the reviews given by the user for that movie.
- Performed EDA graphically and numerically to understand Data's behavior.
- This project includes **Collaborative Filtering, and NLP Sentiment analysis** to produce results.
- Deployed on Heroku: <https://moviesrecommend0211.herokuapp.com/>

3. Rain Forecasting

MARCH 2022

- This is a **classification problem** and Included various Machine Learning algorithms
- 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.
- Performed very **detailed Exploratory Data Analysis, feature engineering, and feature Selection techniques** to handle the varied and unstructured data.

- Deployed on Heroku: <https://australiarainforecasting2022.herokuapp.com/>

4. Car price Prediction

FEB 2022

- The focus of this project is to predict the selling price of a Car based on the different ML algorithms.
- This Project is a **Regression Problem**
- Deployed on Heroku: <https://carsellingpricepredictions2022.herokuapp.com/>

5. Cotton Disease Prediction

FEB 2022

- The purpose of this project is to classify the cotton leaf diseases based on the Deep Learning models.
- This image Classification problem includes ML & DL algorithms such as **SVM, CNN, and LSTM**.

Academic Projects

1. AI Guided Financial Trading (Capstone)

NOV 2021

- 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 prediction of Forex Prices.

2. Nokia Revamp

NOV 2021

- In this Project, we assessed Nokia's situation back in the 1990s till its downfall. We had identified the reasons for their downfall & other external factors.
- We have conducted & implemented **SWOT Analysis, Risk Management, Change Management, Strategic Management, etc.**
- We prepared multiple reports and proposed a solution based on **Project management & IT Strategies & Values** that were completely based on the stakeholder's needs and requirements.

3. Sentiment Analysis on Twitter data – NLP

APRIL 2021

- For the project, I have used 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

4. Tableau

OCT 2020

- Analyzed US Cybercrime Attack dataset and created a dashboard and multiple visualizations to solve the different problem statements such as **Severity of attack, Intensity, etc.**

5. Analysis of Wisconsin Breast Cancer

APRIL 2020

- 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.**

For More projects & their details visit my portfolio: <https://shubhamportfolio0211.netlify.app/> & <https://github.com/shubhamsrivastava951> (GitHub)

CERTIFICATIONS

- Udemy: Python for Data Science and ML
- Udemy: Python
- Udemy: Statistics for Data Science & BA
- Udemy: Tableau Data Analyst Certification
- LinkedIn Tableau & SQL essentials
- LinkedIn: Data Analyst Certification
- LinkedIn: Building DL applications using Keras 2.0
- Edwisor.com: Data Science in Python and R

LANGUAGES

English

Native or Bilingual

Hindi

Native or Bilingual