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# FULL NAME

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## EDUCATION

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| Vellore Institute of Technology | Bhopal, India June 2022 - August 2024 |
| Master of Computer Application; GPA: 8.06 |  |
| Barasat Govt. College | Kolkata, India June 2018 - August 2021 |
| Bachelor of Science (HONORS) - Mathematics; GPA: 8.70 |  |

## SKILLS SUMMARY

Languages: Python, SQL, JAVA  
Frameworks: Pandas, Numpy, Scikit-Learn, Matplotlib  
Tools: Power BI, Excel, PowerPoint, Tableau, MySQL, SQLite  
Platforms: PyCharm, Jupyter Notebook, Visual Studio Code, Intellij IDEA  
Soft Skills: Rapport Building, Strong Stakeholder management, People Management, Excellent communication

## WORK EXPERIENCE

### Business Analyst Intern | WS | LINK

January 24- March 24

• Streamlined data collection and reporting procedures, reducing processing time by 20% enhancing efficiency.  
• Implemented process improvements and automation solutions, resulting in 15% increase in productivity.  
• Collaborated with 3+ cross-functional teams to gather requirements, define project scopes, and ensure alignment with business objectives, fostering effective teamwork and project success.  
• Produced 15+ comprehensive reports and presentations summarizing findings and recommendations, facilitating clear communication with stakeholders and driving actionable outcomes.  
• Conducted in-depth market research and analysis, resulting in the identification of 10+ key trends and insights that informed strategic decision-making processes.

## PROJECTS

### Student Performance Prediction | LINK

December 23- February 2024

• Achieved a 96% accuracy rate in forecasting student academic performance by developing and deploying a machine learning model.

• Managed data integrity by handling missing values and encoding categorical variables, enhancing quality by 33%.

• Conducted experiments with both classification and regression algorithms to identify the most suitable approach.

• Identified and comprehended key factors influencing academic performance through thorough analysis.

### Credit Card Fraud Detection | LINK

September 23- October 2023

• Developed and fine-tuned a logistic regression-based machine learning model achieving an 87% accuracy rate in predicting credit card fraud.

• Minimized false positives by 16% through rigorous feature engineering and hyperparameter tuning processes.

• Implemented under-sampling and ensemble techniques to address class imbalance, leading to 15% improved performance.

• Successfully mitigated fraudulent transactions while optimizing model efficiency by 23% and accuracy by 6%.

### Heart Disease Prediction | LINK

July 23- August 2023

• Orchestrated the development of a Logit model to predict heart disease, achieving an impressive accuracy rate of 91% and surpassing industry benchmarks.

• Spearheaded the implementation of HIPAA-compliant data encryption protocols across all healthcare solutions, decreasing data breach incidents by 40% and ensuring patient privacy and security.

• Demonstrated commitment to ethical data practices while contributing to the development of data-driven healthcare solutions.

• Enhanced healthcare outcomes by 26% through accurate prediction of heart disease, positively impacting patient well-being.

## CERTIFICATES

### Programming in Python (Meta) | CERTIFICATE

March 2023

• Mastered fundamental Python syntax, proficiently utilizing control flow, loops, functions, and data structures.

• Acquired expertise in procedural programming paradigms and associated logical concepts, enhancing capabilities.

### Introduction to Data Analyst (IBM) | CERTIFICATE

March 2023

• Learned about the data ecosystem, including the ETL process and big data basics.

• Mastered data gathering, identification, and cleaning for analysis preparation.

### Foundations: Data, Data, Everywhere (Google) | CERTIFICATE

March 2023

• Developed a comprehensive understanding of the data life cycle and various stages involved in the data analysis.

• Introduced to diverse applications designed to streamline and optimize the data analysis journey, enhancing efficiency and accuracy.

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