

EDUCATION

MAK School	Chennai, India
HSC School	March 2023
Avichi College of Arts and Science	Chennai, India
Bachelor of Computer Application	June 2023 - Till Date

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

WEB DEVELOPER INTERN Link	April 25- May 25
<ul style="list-style-type: none">○ Assisting in the development of responsive web applications using HTML, CSS, JavaScript, and React (adjust based on what you're actually using).○ Collaborating with senior developers to design and implement user interfaces and backend functionality.○ Participating in code reviews, testing, and debugging to ensure high-quality deliverables.○ Gaining hands-on experience with version control tools like Git and deployment processes.	

PROJECTS

Student Performance Prediction LINK	December 23- February 2024
<ul style="list-style-type: none">○ 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
<ul style="list-style-type: none">○ 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
<ul style="list-style-type: none">○ 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
<ul style="list-style-type: none">○ 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
<ul style="list-style-type: none">○ 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
<ul style="list-style-type: none">○ 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.	