

EDUCATION

S. A. Engineering College	Chennai, India
Master of Computer Application; CGPA: 7.26	August 2024 - Current
Mar Gregorios College of Arts & Science	Chennai, India
B. Sc Computer Science; GPA: 6.0	Jun 2018 – Sept 2021
Velammal Mat. Hr. Sec. School	Chennai, India
HSC; PERCENTAGE: 64%	Jun 2017 – Jun 2018
Velammal Mat. Hr. Sec. School	Chennai, India
SSLC; PERCENTAGE: 76%	Jun 2018 – Sept 2021

SKILLS SUMMARY

• Languages:	Python, C, C++, HTML, JS, Embedded C, Dart
• Frameworks:	Flutter, React, React Native
• Database:	MongoDB, GCP
• Other Tools:	GitHub, Slack, Vercel, Vite, Expo, Zoho Creator (LCNC Platform)
• OS:	Kali, Windows, Ubuntu, Fedora
• Platforms:	Visual Studio Code, Android Studio, Arduino IDE, PyCharm, Python IDLE, Eclipse
• Other Technical Skills:	Embedded Systems, IoT, Automation
• Soft Skills:	Team Work, Excellent communication, Quick Learner

WORK EXPERIENCE

BUSINESS ANALYST INTERN WS LINK	January 24- March 24
<ul style="list-style-type: none">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
<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**

- 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.