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ACADEMIC DETAILS

Year	Academic Program	Institute	GPA/Marks(%)
2025-Present	B.Tech in Computer Science and Engineering	Graphic Era Hill University	7.1
2024	Intermediate	The Heritage School	78.2
2020	Matriculate	The Heritage School	70.2

FIELDS OF INTEREST

- Machine Learning, Neural Networks, Deep Learning, Web Development, Software Development

TECHNICAL SKILLS

- Programming Languages:** C/C++, HTML/CSS, JavaScript, Python, Java.
- Technical Skills:** Web Development, Responsive Design, REST APIs, Machine Learning, Neural Networks, Deep Learning, Data Preprocessing, Git, Deployment.
- Software Development Tools:** Visual Studio Code (VS Code), Git, GitHub.
- Frameworks and Libraries:** React, Node.js, TensorFlow, Scikit-learn, OpenCV.

PROJECTS

- Optimal Delivery Route Finder**
(June 2025)
 - Built a full-stack web app using React and FastAPI for delivery route optimization.
 - Used Dijkstra's and A* algorithms to reduce delivery time by up to 30
 - Integrated Google Maps API for dynamic visualization and interactive route selection.
- Multi-Threaded File System with Cache Management**
(April 2025)
 - Built a multithreaded file system in C/C++ with a custom CLI for efficient operations.
 - Implemented thread-safe caching to reduce file access latency and improve performance.
 - Ensured robust synchronization and modular design for maintainability.
- Java-to-C++ Source Code Translator**
(June 2025)
 - Built a source-to-source compiler using Flex, Bison, and C to translate Java code to C++.
 - Integrated Flask API and React frontend for real-time translation and file uploads.
 - Added grammar for 2D arrays and type conversion to improve translation accuracy.

CERTIFICATES

- Machine Learning – Coursera (Andrew Ng), 11 Weeks, 2024
- Neural Networks and Deep Learning – Coursera (Deep Learning Specialization), 4 Weeks, 2024
- AWS Cloud Practitioner Essentials – Amazon Web Services, April 2025

STRENGTHS

- Leadership, Teamwork, Event Management, Technical Communication.
- Self-Motivated, Detail-Oriented, Strong Problem Solving.

INTEREST AND HOBBIES

- Playing Football, Badminton, and Basketball – Enhances teamwork, strategic thinking, and physical endurance.
- Reading – Improves knowledge, creativity, and critical thinking skills.
- Traveling – Broadens perspective, adaptability, and cultural awareness.