Sushmita Math

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PROFESSIONAL SUMMARY

Computer Science student with a strong interest in programming, data structures, and web development. Skilled in C++, Python, and SQL. Ranked in the Global Top 10 in WiDS Datathon 2024. Motivated about learning and applying technology to solve real-world problems.

EDUCATION

KLE Technological University, BE in Computer Science   Nov 2022 - Aug 2026
  - GPA: 9.18

RLS PU Science College   Sep 2020-April 2022

  - 12th Grade: 95.03%

Little Scholars Academy High School   May 2019 - Jul 2020

  - 10th Grade:98.08%

SKILLS

Technical Skills: C/C++, Python(Basics), SQL , HTML, CSS, JS, OOP, DSA,MySQL.

Soft Skills: Problem-Solving,Project Management,Multitasking & Prioritization,Debugging & Troubleshooting

PROJECT WORKS

WiDS Datathon 2024 – Predicting Metastatic Cancer Diagnosis Time   kaggle/WiDS-2024
  - WiDS Datathon 2024 – Predicting Metastatic Cancer Diagnosis Time
  - Built a machine learning model to predict metastatic cancer diagnosis time post-TNBC detection.
  - Performed data preprocessing, feature engineering, and model evaluation using Scikit-Learn.
  - Optimized performance with XGBoost, Random Forest, and Logistic Regression.
  - Ranked Global Top 10 in WiDS Datathon Challenge 2.
  - Technologies: Python, Scikit-Learn, Pandas, Kaggle.

Web Travel Guide
  - Web Travel Guide – Smart Tourism Platform
  - Developed a platform for destination discovery, itinerary planning, bookings, and travel history tracking.
  - Implemented user authentication, signup, and payment integration using Node.js and MySQL.
  - Designed a content management system for handling bookings and user engagement.
  - Provided personalized recommendations based on location and interests.
  - Enabled users to track travel history and upload media.
  - Technologies: Node.js, MySQL, HTML, CSS, JavaScript.

Decentralized DNS Using Blockchain
  - Designed a smart contract-based DNS system for decentralized domain name registration.
  - Developed a Solidity program to handle domain creation, ownership, and retrieval on the blockchain.
  - Ensured tamper-proof and transparent domain management by leveraging blockchain immutability.
  - Explored concepts like gas optimization, contract deployment, and state management in Solidity.
  - Technologies: Solidity, Smart Contracts, Ethereum (Conceptual), Remix IDE (Exploration).

EXTRA CURRICULUM ACTIVITIES

  - Smart India Hackathon 2024 – Developed a tech-driven solution to real-world problems in India's largest innovation hackathon.
  - WiDS Datathon 2024 – Ranked Global Top 10 in an international data science competition.
  - Tata Crucible Campus Quiz 2024 – Competed in India's premier business quiz, demonstrating analytical and problem-solving skills.
  - Flipkart Runway Season 4 – Participated in Flipkart's tech program for women, gaining mentorship and industry exposure