Pulapa Surya Subhash Pavan Kumar

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Summer Training

Summer Training in Data Structures and Algorithms   May 2024 – July 2024

- Completed comprehensive training on core Data Structures and Algorithms.
- Gained proficiency in implementing various data structures such as arrays, linked lists, stacks, queues, trees, and graphs.
- Developed problem-solving skills and optimized algorithms for efficiency.
- Utilized problem-solving skills, optimized algorithms for efficiency, and practiced solving coding challenges.
- Created a Library Management System in C++ using linked lists, reducing search time by 50%. as a part of the final project.

Projects

Tableau Project : Crop Production Analysis in India   **Nov 2024**
- Developed an interactive Tableau dashboard to analyze crop yield patterns across regions and seasons.
- Integrated multiple factors like rainfall, fertilizer use, and pesticides to derive meaningful insights.
- Enabled data-driven decision-making for sustainable agriculture.
- Presented findings through dynamic visualizations to enhance interpretability.

Library Management System   **Jun-Jul 2024**
- Developed an efficient Library Management System in C++ with functionalities for book management,search, and user transactions.
- Implemented structured data handling using object-oriented programming and STL for optimized performance.
- Integrated interactive command-line operations to enhance user experience.
- Designed a scalable system for seamless book tracking and inventory management.

Certificates

➢ **Certification in Cloud Computing**   **Jul-Dec 2024**
  ▪ *NPTEL— CertiFıcate Link*
➢ Programming in C++: A Hands-on Introduction   **Feb 2024**
  ▪ *Coursera*
➢ Excel Skills for Data Analytics and Visualization   May 2024
  ▪ *Coursera*

Technical Skills

- **Languages** C++, C,Python,R
- **Tools / Platforms**: MySQL ,Tableau ,Tableau Prep, Excel, Informatica Developer for Data Quality(IDQ).
- **Skills**: Data Structures and Algorithms, Problem-Solving.

Education

- **Lovely Professional University, Punjab**   **Punjab , India**
  Computer Science and Engineering — CGPA: 7.50   *Oct 22 -Present*
- **Tirumala Junior Kalasala**   East Godavari, Andhra **Pradesh**
  Intermediate — Percentage: 89.70%   *2020-2022*
- **Tirumala E.M High School**   **East Godavari , Andhra Pradesh**
  Matriculation— Percentage: 100%   *2019-2020*