# Shakamuri Manasa

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# Training

**Cipher schools Jun’ 24 - Jul’ 24**

*Summer Training*

* **Project overview**: Gained practical experience in core Data Structures and Algorithms by implementing and

optimizing solutions using arrays, linked lists, trees, graphs, and dynamic programming techniques.

* Applied these concepts to solve real-world problems efficiently, focusing on time and space complexity improvements
* **Tech Stacks used:** Java, Data structures & algorithms, Collection Framework

# Projects

**AWS Cloud-based File Storage System |** *AWS, S3, Lambda, CloudWatch* **Aug’ 24 - Oct’ 24**

* Created an S3 bucket for file storage and set up IAM policies to control access
* Used Lambda to scan, tag, and process uploaded files and automatically resize them
* Enabled AWS CloudTrail to log and monitor user activity and API usage for enhanced security,

auditing and compliancetracking

* **Link:** <https://github.com/cloud-file-storage-aws-template>

**Medical Website |** *HTML, CSS, Bootstrap, Tailwind, AOS, Docker* **Mar’ 24 - Apr’ 24**

* Designed and implemented to educate users about balanced diets and healthy living
* Added Bootstrap, Tailwind CSS, and external libraries to enhance UI design to ensure responsive layouts and extend

functionality with pre-built components and utilities

* Developed an interactive navigation bar, contact form, and appointment booking were integrated
* **Link:** <https://github.com/manasa-chowdary/medical_website>

# Certificates

**Data Structures and Algorithms with Java |Cipher Schools Jul’ 24**

*Cipher Schools –* [*Certificate Link*](Manasa_Chowdary%5b2%5d)

**Introduction to Industry 4.0 and Industrial Internet of Things |NPTEL Jul’ 24**

*NPTEL –* [*Certificate Link*](Introduction%20to%20Industry%204.0%20and%20Indusd)

**Fundamentals of Management |UCI Feb’ 23**

*Learning Path-* [*Certificate Link*](https://www.coursera.org/account/ad)

**Bits and Bytes of Computer Networking |Coursera Dec’ 23**

*Coursera-* [*Certificate Link*](https://coursera.org/share/c8a4e0d4693988429e0a27caeda573cf)

**Understanding Cloud Fundamentals |Coursera Nov’ 23**

*Coursera-*[*Certificate Link*](CertificateOfCompletion_Understanding%20Cld)

# Skills

**Languages:** C++, Java, C

**Technologies/ Frameworks**: HTML and CSS

**Tools/Platforms:** AWS, GitHub, Ubuntu, VS Code, IntelliJ

**Soft Skills**: Problem-Solving, Team Player, Adaptability

# Education

**Lovely Professional University**  **Since Aug’ 22**

*Computer Science and Engineering — CGPA: 6.11 Jalandhar, Punjab*

**NTR Junior and Degree College for Women** **2022**

*Intermediate — Percentage: 86% Hyderabad, Telangana*

**Sri Shanthinikethan High School**  **2020**

*Matriculation — CGPA: 10 Nandyal, Andhra Pradesh*