SRICHARAN CHEBOLU

Fresher Computer Science Graduate

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EXPERIENCE

QA Student Intern — ACCELQ
05/2023 - 06/2023
- Worked on codeless test automation scripts for enterprise platforms.
- Tested UI functionality for financial services applications.

Advanced Software Engineering Virtual Experience — Walmart USA Forge
11/2025
- Developed a heap data structure in Java for Walmart shipping systems.
- Designed a UML class diagram supporting multi-mode operations.
- Built an ER diagram for a database system for Walmart's pet department.

PROJECTS

Personal Portfolio
11/25 · https://chsricharan.github.io/Portfolio/
- A responsive personal portfolio built using full stack web development tech stack.

DADO – Efficient Cloud Instance Migration
12/2024 - 03/2025 · https://github.com/ChSricharan/DADO
- Developed optimization model using Adaptive Dragonfly Optimization + Actor-Critic neural networks.
- Minimized energy, migration time, and cost through multi-objective modeling.
- Used Docker, TensorFlow/PyTorch for workload prediction.

LZW Medical Image Compression
05/2024 - 10/2024 · https://github.com/ChSricharan/LZW
- Developed Python web app using OpenCV + NumPy for lossless LZW compression.
- Added grayscale validation, decompression verification, AES-256 encryption.

GameOn – Java Games
05/2023 - 07/2023 · https://github.com/ChSricharan/Java_Project
- Created Tic-Tac-Toe, Brick Breaker, Snake using Java Swing GUI.
- Added scoring, collision handling, smooth real-time input.

ACHIEVEMENTS

- Won 2nd prize in Bhaswara Project Presentation.
- Volunteered in Alphametica event hosted by the college.

COURSES

Cloud Computing, DSA, DBMS, Computer Networks, Software Engineering, Operating Systems.

CERTIFICATIONS

- Fundamentals of Cloud Computing — AWS
- Java Fundamentals — Oracle
- DBMS from Scratch — Udemy

SKILLS

`C` `Java` `Python` `SQL` `HTML` `JS` `CSS` `Databases` `Cloud` `AWS` `Git` `GitHub` `MySQL` `Shell Scripting` `Docker` `DSA`

EDUCATION

B.Tech in CSE
Geethanjali College of Engineering and Technology
11/2021 – 05/2025
GPA: 7.84/10

Sri Chaitanya Junior Kalasala
03/2019 – 06/2021
Percentage: 93%

D.A.V Public School
03/2019
Percentage: 89%